

Tandy ELECTRONICS



1984 CATALOGUE

**Make Tandy Your
Technology Store for '84**

Only Tandy can bring the latest electronic innovations into your home, wherever you live, affordably! From recording tape to telephones to personal computers, only we blend the convenience and excitement of high technology with the value and service you expect from the largest electronics retailer in the world — and there is only ONE — **Tandy Electronics**, your Technology Store for '84!

• Store Address Pages 75/76 • Index Page 74 • Catalogue No. 197

LEADERS IN TECHNOLOGY & COMMUNICATIONS

**NEW
FOR '84**

399⁹⁵

Hear International News, Music, Ham
And CB Operators on Shortwave, Marine
SSB, Plus Longwave and Local/Distant
Standard AM/FM Broadcast Stations

Realistic DX-400. Our finest portable receiver ever! Microprocessor-controlled plus phase-locked-loop, direct-entry pushbutton tuning. Use Auto-Scan to find new stations or manual tuning with 1-3 kHz stepping on AM/SSB/CW, 50 or 100 kHz on FM. Six AM and six FM memory presets, lighted LCD frequency display and signal strength meter. Wide/narrow selectivity plus fine-tuning for clearest reception. Antenna trimmer and 3-step RF gain control. Sleep switch provides auto-shutoff after 10-90 minutes. Telescopic antenna, loop stick for AM and built-in speaker. Jacks for external speaker, external antenna and headphones.

20-207 399.95

Specifications

Sensitivity: AM (except broadcast and longwave), 1 μ V for 10 dB S/N ratio; SSB, 0.5 μ V for 10 dB S/N; Longwave; 5 μ V for 10 dB S/N; Broadcast, 300 μ V/m for 6 dB S/N; FM, 5 μ V for 30 dB quieting.
Selectivity: Wide, ± 3 kHz at 6 dB, ± 6 kHz at 50 dB; Narrow, ± 2.5 kHz at 6 dB, ± 5 kHz at 50 dB.
Bands: AM/SSB(USB and LSB)/CW, 150-29,999 kHz; FM 87.4-108 MHz. **Power Requirement:** 240 VAC, 12VDC neg. gnd. or six "C" batteries (not incl.). Requires two "AA" batteries for memory backup. **Size:** 15.2 x 32 x 8.9cm



16-CHANNEL PORTABLE PROGRAMMABLE SCANNER

Direct-Access Keyboard Tuning of 23,684 Frequencies

**NEW
FOR '84**

U.S. Pat.
No. 3,794,925

399⁹⁵

Now You Can Listen to Police,
Fire, Trains, Ambulance, Aircraft,
Hams and More—Wherever You Go

Available Dec. 15, 1983

No Crystals To Buy!

Covers 68-88 MHz VHF-Low 50-54 and 144-148 MHz Ham, 108-136 MHz AM Aircraft, 138-144 MHz Govt., 148-174 MHz VHF-Hi, 380-450 MHz Govt. and Ham, 450-470 MHz UHF-Low, 470-512 MHz UHF-Hi



Realistic PRO-30. A full-feature, microprocessor-controlled scanner with extended frequency coverage—in a compact size you can carry wherever you go! Scan up to 16 of your favorite channels continuously, or search a selected frequency range for new or unpublicized channels. Scan and Search in two speeds. Two-second Scan Delay, selectable for each channel, prevents missed replies. Lockout feature temporarily bypasses unwanted channels. Big LCD display shows channels and frequencies being scanned, monitored or programmed as well as the status of the channels. Priority function monitors your favorite frequency while you listen to others. Frequency-tracking front end assures top sensitivity on all bands. Squelch control eliminates noise between messages. Has jacks for external antenna and earphones. With flexible antenna. 19 x 7.4 x 4.6cm. Requires six "AA" batteries or AC or DC adapter. Memory backup requires four silver-oxide batteries. **20-9131 399.95**

AC Adapter. 273-9553 12.95

DC Adapter. 14-844 9.95

Bankcard and American Express Honoured at Most Stores

NOW 8800 LOCATIONS



IN 80 COUNTRIES

Audio • Computers • Telephones • Autosound • CB • Radios • Tape • Security • Calculators • Clocks



Realistic
Stereo



Electronic
Parts



TRS-80
Computers



Shop Tandy For Everything in Electronics

At Tandy, electronics is our only business. In our stores, you'll find electronic equipment and accessories of special interest — everything from telephones and computers to antennas and recording tape. Our line of over 2,500 products is unsurpassed in quality and selection. Plus, you get straight answers to all your questions from our friendly, informed salespeople. That's why so many people shop with us. Should you ever have a problem with a Tandy product, we can send it to the nearest localised repair centre. And there's always a Tandy near you wherever you live, work or go in Australia. If you are in a smaller community or rural area, a locally owned store may be a Tandy Authorised Dealer for our brands — look for our sign.

For a Comprehensive Look at TRS-80® Computers for Home and Office

Now Tandy Computer Centres display our entire line of TRS-80 computers and business products. At each location, you'll find an in-depth inventory of state-of-the-art computer models, printers, accessories, a huge library of software, furniture and informative books. Computer Centre salespeople offer prompt, personal assistance. Each Centre offers classroom training from experienced instructors who make sure you get the most from your investment. Our professional "hands-on" seminars let you use the TRS-80 as you learn. On-Site and Carry-In service agreements are available. Customer Service Representatives help you with after-the-sale questions or problems. You receive **complete** technical assistance and support, whether you purchase one system or one hundred. Let's get acquainted! Visit your nearest Computer Centre today.

Tandy Expanded Computer Departments are located in over 30 specially chosen Tandy stores. You'll find the same complete selection of TRS-80 computer products and accessories as in our Computer Centres. Experts can demonstrate the equipment and give you all the details on sales, leasing, training and service.



Computer Centre



Comprehensive Training

USE YOUR CREDIT CARD TO BUY NOW, PAY LATER. Honoured at most of our locations. Other credit cards may also be accepted.



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EIA MEMBER. Our membership in the Electronics Industry Association is another assurance that our products meet high industry standards.

OUR BEST! DIGITAL-SYNTHESIZED RECEIVER



100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

999⁹⁵

- Precision Quartz Crystal Locks Each Station On-Channel
- Memory Stores 12 Stations—6 FM and 6 AM—for Instant Recall
- 5-Segment LED Signal Strength Meter • 24-Segment LED Power Meter
- Human-Engineered Controls for Easy, Reliable Operation

Realistic STA-2290. One of the finest receivers ever offered! You get the latest in microprocessor and audio technology for versatility and sonic purity. You can tune up and down the FM band in 200 kHz steps and the AM band in 10 kHz steps. Or, use the Search mode to automatically scan to the next station. Digital fluorescent display shows exact station frequency. Features separate 21-step bass, treble and midrange controls, large 41-step volume control and LED FM stereo, memory and function indicators. You also get inputs for two moving-magnet cartridges and two tape decks, with full tape monitoring and dubbing capabilities. MPX blend cuts noise on weak FM stereo stations, and tone defeat overrides tone controls for a ruler-flat response. Meter low button expands power meter scale when listen-

ing at low volumes. Also has A/B/A + B speaker switching, pushbuttons for loudness, stereo/mono, hi-filter, FM muting. Fully protected against overheating and overload.

31-3009 **999.95**

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 85 dB phono, 90 dB aux. **Phono Overload:** 230 mV. **FM TUNER:** Sensitivity (IHF): 1.8 μ V (14.1 dBf). **Capture Ratio:** 1.5 dB. S/N: 74 dB. **Selectivity:** 70 dB. **Image Rejection:** 75 dB. **Stereo Harmonic Distortion:** 0.2%. **Separation (at 1 kHz):** 50 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, A/B speakers, headphone, tape 1 and 2 in/out, phono 1 and 2, two AC outlets. **SIZE:** 14.3 x 49.5 x 41cm



Save
\$230⁸⁰

SYSTEM
1669⁰⁰

Reg.
Separate
Items
1899.80

- Realistic STA-2290 Digital Receiver
- Two Optimus T-120 Tower Speakers
- Lab 1500 Linear Tracking Turntable with Dual-Magnet Cartridge



Save
\$240⁸⁰

SYSTEM
1729⁰⁰

Reg.
Separate
Items
1969.80

- Realistic STA-2290 Digital Receiver
- Two Optimus T-120 Tower Speakers
- LAB-440 Direct-Drive Turntable With \$49.95 Moving-Magnet Cartridge



Save
\$310⁷⁰

SYSTEM
2499⁰⁰

Reg.
Separate
Items
2809.70

- Realistic STA-2290 Digital Receiver
- Two Mach One® Liquid-Cooled Speakers
- LAB-2100 Linear Tracking Turntable With Dual-Magnet Cartridge
- SCT-42 Cassette Deck • Stand

DIGITAL FREQUENCY DISPLAY STEREO RECEIVER

Auto-Magic® Fine-Tuning Locks in FM Stations for Cleanest Reception



27 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.08% TOTAL HARMONIC DISTORTION

549⁹⁵

- 5-Segment LED AM/FM Signal Strength Indicator
- 30 Hz "Cut" Pushbutton Limits Distortion, Conserves Power
- LED FM Stereo and Perfect-Tuning Indicators
- Slim-Line Styling With "Champagne-Silver" Cabinet

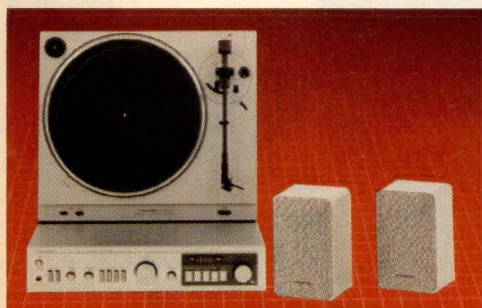
Realistic STA-730. Specially engineered for clean sound and ease of operation. No more mechanical tuning dial or pointer—we've replaced them with an all-electronic system that gives you an easy-to-read fluorescent readout that shows the exact station frequency. The readout also has fluorescent MHz, kHz, FM and AM displays. The 30 Hz "cut" pushbutton eliminates turntable rumble, helps protect speakers and reduces over-boosted bass. Other luxury touches include six "thin-line" pushbuttons—stereo/mono gives you improved reception of weak FM stations, and loudness boosts high and low frequencies for full-range sound at low listening levels. Ten-step bass and treble controls, separate volume and balance controls. Function selector buttons for tape monitor, phono, aux, AM and FM. Phase-locked loop FM multiplex provides excellent stereo separation and high stability. Phono preamp IC reduces noise and distortion to the

vanishing point, and assures precise RIAA equalization. Auxiliary input lets you add a tape deck or audio from a VCR or video disk player. Two built-in protection circuits safeguard your amplifier and speakers from overheating and overloading. It all adds up to great sound and performance for surprisingly little cost—come in and hear it in action!

31-2003 549.95

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 81 dB phono, 92 dB aux. **Phono Overload:** 140 mV. **FM TUNER:** Sensitivity (IHF): 1.7 μ V (9.8 dBf). **Capture Ratio:** 1.0 dB. S/N: 73 dB. **Selectivity:** 55 dB. **Image Rejection:** 55 dB. **Stereo Harmonic Distortion:** 0.3%. **Separation (at 1 kHz):** 45 dB. **EXTERNAL CONNECTIONS:** AM antenna, 75 or 300-ohm FM antenna, magnetic phono, aux, tape in/out jacks, A and B speakers, headphone jack, AC outlet. **SIZE:** 9.5 x 41.9 x 31.1cm



Save
\$110⁸⁰

SYSTEM
779⁰⁰

Reg.
Separate
Items
889.80

- Realistic STA-730 Stereo Receiver.
- Two Minimus-7 Die-Cast Speakers.
- LAB-1750 Belt-Drive Turntable with Low Mass Magnetic Cartridge.



Save
\$130⁸⁰

SYSTEM
949⁰⁰

Reg.
Separate
Items
1079.80

- Realistic STA-730 Stereo Receiver.
- Two Minimus-12 Die-Cast Speakers.
- LAB-290 Belt-Drive Turntable with \$39.95 Moving-Magnet Cartridge



Save
\$180⁷⁵

SYSTEM
1269⁰⁰

Reg.
Separate
Items
1449.75

- Realistic STA-730 Stereo Receiver.
- Two Optimus-30 2-Way Speakers.
- LAB-1500 Linear Tracking Turntable with Dual-Magnetic Cartridge
- SCT-29 Stereo Cassette Deck

CASSETTE/RECEIVER WITH DIGITAL AM/FM DISPLAY



20 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.1% TOTAL HARMONIC DISTORTION

699⁹⁵

- Digital Fluorescent Display Shows Exact AM or FM Frequency
- Dual 5-Segment LED Audio Meters Monitor Record and Playback Level
- Dolby[®] B Noise Reduction Cuts Tape Hiss and Improves High Frequencies
- Exclusive Auto-Magic[®] FM Fine-Tuning System Locks In Stations

Realistic SCR-3000. Now you can have a high-fidelity AM/FM stereo receiver and cassette record/play deck in a single space-efficient enclosure—without sacrificing the features you'd expect with separate components. Receiver has boost-and-cut bass and treble controls, volume knob with concentric balance control, loudness, automatic stereo/mono FM switching, pushbutton AM, FM, tape, phono and aux function selectors. Cassette deck features soft-touch tape transport controls, pushbutton selectors for metal, CrO₂ and normal tape formulations, separate record-level controls, tape counter, two microphone jacks and Auto-Stop. You can record off-the-air, from external sources, or "live" with optional microphones. LED indicators for FM stereo, Dolby NR, record, tape, phono and aux. The perfect choice for your main listening area, bedroom, family room or

study. The SCR-3000 puts it all together — at a lower price than you'd expect to pay for separates with the same features!

31-1996 699.95

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 83 dB phono, 85 dB aux. **Phono Overload:** 105 mV. **FM TUNER:** Sensitivity (IHF): 1.9 μ V (10.8 dBf). **Capture Ratio:** 1.5 dB. S/N: 72 dB. **Selectivity:** 60 dB. **Image Rejection:** 65 dB. **Stereo Harmonic Distortion:** 0.5%. **Separation (at 1 kHz):** 45 dB. **CASSETTE:** Response \pm 3 dB: 30-19,000 Hz (metal), 30-16,000 Hz (CrO₂), 30-14,000 Hz (normal). **Wow and Flutter:** Less than 0.07% WRMS. S/N: 60 dB (Dolby "on", CCIR weighted). **SIZE:** 14.3 x 44.2 x 28cm. *TM Dolby Laboratories Licensing Corp.



Save
\$110⁸⁵

Reg. Separate
Items 959.85

SYSTEM
849⁰⁰

- Realistic SCR-3000 AM/FM Stereo Cassette Receiver
- Two Minimus[®]-12 Die-Cast Metal Speaker Systems With 127mm Polypropylene Woofer and 50mm Cone Tweeter



Save
\$160⁸⁰

Reg. Separate
Items 1259.80

SYSTEM
1099⁰⁰

- Realistic SCR-3000 AM/FM Stereo Cassette/Receiver
- Two Minimus-12 Die-Cast Metal Speaker Systems
- LAB-1500 Linear Tracking Logic-Controlled Belt-Drive Automatic Turntable With Dual-Magnet Cartridge

DYNAMIC DUO! MATCHING TUNER AND AMPLIFIER



30 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.08% TOTAL HARMONIC DISTORTION

Realistic ST-500/SA-500. What a pair! This stereo amplifier and tuner share great styling and a wealth of exclusive features not found in ordinary receivers. Plug in a pair of mikes to add your voice to music, or amplify a guitar—you can even use it as a public-address system. Slide-action controls for bass, treble, mike-level and echo, special “fading green lamp” indicator for Auto-Fade, large volume knob, center-detent balance control, two 1/4" mike inputs and a 1/4" headphone jack. Pushbuttons for phono, tuner, tape, aux and power. Tuner features edge-lit slide-rule dial, LED FM stereo indicator and mono/stereo button. Pushbutton FM muting circuit eliminates interstation tuning noise. Fully protected from overheating and current overload. Come in soon and give this pair a listen! **31-3011** **579.95**

†**Realistic SCT-500 Stereo Cassette Deck.** Soft-touch operation with Dolby* B NR and ASMS. Matches components above. Full details on page 27. **14-620** **299.95**

Exciting Slim-Line Styling and Unique Studio-Type Features

BOTH AMPLIFIER
AND TUNER FOR
ONLY

579⁹⁵

Cassette Deck shown is extra. See below †

- Voice-Over/Accompaniment Feature Lets You Join in the Music
- Exciting Microphone Echo Function With Variable Intensity Control
- Auto Fade In/Out Eliminates “Pops” When Switching Amp Functions
- Dual 6-Segment LED Power Meters
- 5-Segment LED Signal Strength Meter for Easy FM and AM Tuning

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 78 dB phono, 92 dB aux. **Phono Overload:** 140 mV. **FM TUNER:** Sensitivity (IHF): 2.5 μ V (13.2 dBf). **Capture Ratio:** 2.0 dB. S/N: 70 dB. **Selectivity:** 50 dB. **Image Rejection:** 44 dB. **Stereo Harmonic Distortion:** 0.6%. **Separation (at 1 kHz):** 36 dB. **EXTERNAL CONNECTIONS:** AM and 300-ohm FM antennas, mag. phono, aux, tape in/out, mixed output, speaker pair, one switched and one unswitched AC outlet, phono ground, antenna ground. **SIZE:** 14.4 x 14.6 x 30.5cm *TM Dolby Laboratories Licensing Corp.



Save
\$130⁸⁰

SYSTEM
899⁰⁰

Reg.
Separate
Items
1029.80

- ST-500/SA-500 Tuner/Amplifier
- Two Minimus®-7W Speaker Systems
- LAB-290 Turntable With \$39.95 Moving-Magnet Cartridge



Save
\$170⁷⁵

SYSTEM
1249⁰⁰

Reg.
Separate
Items
1419.75

- ST-500/SA-500 Tuner/Amplifier
- Two Realistic MC 1401 Bass Reflex Speakers
- LAB-1500 Linear-Tracking Turntable With Dual-Magnet Cartridge
- SCT-500 Stereo Cassette Deck



Save
\$200⁷⁰

SYSTEM
1499⁰⁰

Reg.
Separate
Items
1699.70

- ST-500/SA-500 Tuner/Amplifier
- Two Optimus-30 2-Way Speakers
- LAB 2100 Linear — Tracking Turntable With Dual-Magnet Cartridge
- SCT-500 Stereo Cassette Deck
- Stand With Full Length Glass Door

Tandy — 10 Years of Value, Service and Reliability

A POWERHOUSE FOR THE DEMANDING MUSIC LOVER



80 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.03% total harmonic distortion

849⁹⁵

- Lighted Signal Strength and FM Centre-Channel Tuning Meters
- Right and Left-Channel Illuminated Power Output Meters
- Up-Front Dubbing and Monitoring Switches for Two Tape Decks
- Separate 20-Step Bass, Treble and Midrange Controls

Realistic STA-2080. This receiver has what it takes to handle virtually any program source. Inputs for two tape decks, two magnetic-cartridge phonos, and an aux input for a third tape deck or audio soundtrack from video source. You get plenty of reserve power for pure, undistorted sound at high volume levels. Counterweighted flywheel tuning knob, giant lighted dial and dual meters make it easy to tune. Built-in subsonic filter eliminates turntable rumble and the effects of warped records. Pushbuttons for hi-filter, loudness, tone defeat, stereo/mono, FM mute, Hi-MPX filter, A and B speaker pairs.

Protective circuitry. Walnut veneer end panels. 31-3000 . . . 849.95

Specifications

AMPLIFIER, Frequency Response: 15-25,000 Hz \pm 1 dB. **Signal-to-Noise Ratio:** 90 dB phono, 98 dB aux. **Phono Input Overload:** 200 millivolts. **FM TUNER, Sensitivity (IHF):** 1.7 microvolts (9.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 70 dB. **Alternate Channel Selectivity:** 75 dB. **Image Ratio:** 80 dB. **Stereo Harmonic Distortion:** 0.3%. **Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, A/B speaker pairs, headphone jack, two-mag. phono, aux, tape 1 and 2 in/out phono and DIN-type jacks, main in/preamp out, two AC outlets, phono ground. **SIZE:** 17.5 x 51.4 x 43.5cm



Save
\$210⁸⁰

Reg Separate
Items 1749.80

1539⁰⁰

- Realistic STA-2080 Stereo Receiver
- Two Optimus T-120 Tower Speakers
- LAB-1500 Linear Tracking Turntable with Dual-Magnetic Cartridge



Save
\$220⁸⁰

Reg Separate
Items 1819.80

1599⁰⁰

- Realistic STA-2080 Stereo Receiver
- Two Optimus T-120 Tower Speakers
- LAB-440 Direct Drive Turntable with \$49.95 Moving-Magnet Cartridge



Save
\$300⁷⁵

Reg Separate
Items 2529.75

2229⁰⁰

- Realistic STA-2080 Stereo Receiver
- Two Mach One[®] Liquid-Cooled Speakers
- LAB-2100 Linear Tracking Turntable with Dual-Magnet Cartridge
- SCT-42 Cassette Deck

RECEIVER WITH 7-BAND FREQUENCY EQUALIZER



45 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% TOTAL HARMONIC DISTORTION

599⁹⁵

- 21-Segment LED Power Level Meter Displays Output to Speakers
- EQ Bypass Button for Instant Comparison to Flat Response
- 30 Hz "Cut" Pushbutton Reduces Rumble and Low-Frequency Hum
- 5-Segment LED AM/FM Signal Strength Indicator Aids in Tuning

Realistic STA-790. An exceptional receiver with the power and operational flexibility to control a very sophisticated system. With its built-in stereo graphic frequency equalizer, you can customize the sound to match the acoustics of your listening room—ordinary tone controls just can't compare! Seven slide-action controls boost or cut frequency response up to 12 dB at 50 Hz, 150 Hz, 400 Hz, 1 kHz, 2.4 kHz, 6 kHz and 15 kHz. Exclusive Auto-Magic fine-tunes and locks-in FM stations automatically. High-filter reduces hiss and record scratch. Loudness provides full bass response even at low volume levels, and FM muting cuts tuning noise between stations. You also get a 40-step volume knob with concentric centre-detent balance control, pushbuttons for mono/stereo, tape monitor and A/B speaker pairs. Green LED indi-

cates when FM stations are properly tuned, and a red LED lights when you're tuned to FM stereo. Twin protection circuits automatically protect the amplifier from speaker overload and overheating.

31-2067 **599.95**

Specifications

AMPLIFIER. Response: 15-25,000 Hz \pm 1 dB. S/N: 86 dB phono, 92 dB aux. **Phono Overload:** 140 mV. **FM TUNER:** Sensitivity (IHF): 1.9 μ V (10.8 dBf). **Capture Ratio:** 1.5 dB. S/N: 72 dB. **Selectivity:** 53 dB. **Image Rejection:** 60 dB. **Stereo Harmonic Distortion:** 0.2%. **Separation (at 1 kHz):** 48 dB. **EXTERNAL CONNECTIONS:** AM and FM antennas, A/B speaker pairs, headphone, phono, aux, phono and DIN-type tape in/out. **SIZE:** 11.1 x 46 x 26.7cm



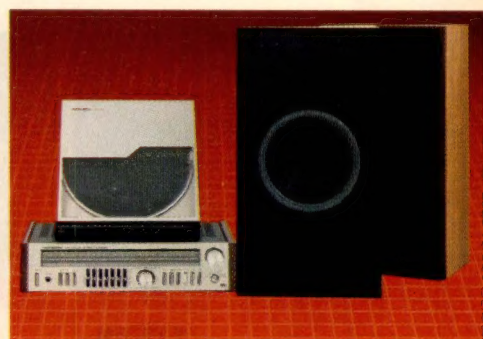
Save \$110⁸⁰ SYSTEM **849⁰⁰** Reg. Separate Items **959.80**

- Realistic STA-790 Receiver With Built-In 7-Band Graphic Equalizer
- Two MC-1201 2-Way Speakers
- LAB-1750 Belt-Drive Turntable With Low Mass Magnetic Cartridge



Save \$130⁸⁰ SYSTEM **979⁰⁰** Reg. Separate Items **1109.80**

- Realistic STA-790 Receiver With Built-In 7-Band Graphic Equalizer
- Two MC-1401 Bass Reflex Speakers
- LAB-290 Belt-Drive Turntable With \$39.95 Moving-Magnet Cartridge



Save \$150⁸⁰ SYSTEM **1069⁰⁰** Reg. Separate Items **1219.80**

- Realistic STA-790 Receiver With Built-In 7-Band Graphic Equalizer
- Two Optimus 30 2-Way Speakers
- LAB-1500 Linear Tracking Turntable With Dual-Magnet Cartridge

Realistic—The Famous Brand Sold in 80 Countries Worldwide

BEST BUYS IN AM AND AM/FM POCKET PORTABLES



Deluxe AM/FM Portable Radio

24⁹⁵

- Excellent Sensitivity and Tonal Quality
- Side-Mounted Controls for Easy One-Hand Operation

Features two ceramic filters that cut signal interference on both AM and FM. 6.4cm speaker, telescopic FM and built-in AM antennas. 11.4x7.3x4.1cm. With earphone, wrist strap. Requires 9V battery. 12-60224.95

Our Finest AM/FM Pocket Portable

27⁹⁵

- High/Low Tone Switch
- Easy Slide-Rule Tuning
- AFC Prevents FM Drift

Smart looks and great sound in a radio that fits in a coat pocket or purse. Compact and rugged with stylish aluminum trim. 6.4cm speaker, built-in AM and telescopic FM antennas. 13.3x7.6x3.8cm. With earphone, wrist strap. Requires 9V battery. 12-71427.95



Low-Cost Pocketable AM/FM Radio

19⁹⁵

- Big Easy-Tune Slide-Rule Dial
- IC Design for Superior Sound

Handy little radio with slide rule tuning, side-mounted control. 5.7cm speaker, built-in AM and telescopic FM antennas in a rugged case. 12.5x7.9x4.1cm. With earphone for private listening, wrist strap. Requires 9V battery. 12-634 19.95



Slim-Line AM/FM With IC Design

21⁹⁵

- One-Chip Integrated Circuit For Compactness and Reliability
- Rotary Tuning for One-Hand Operation

This ultra-thin radio is our most "pocketable" AM/FM of all, yet it delivers excellent reception and sound. 5.7cm speaker, telescopic FM and built-in AM antennas. 7.4 x 14.1 x 2.9cm. With ear-phone and wrist strap. Requires 9V battery. 12-715 . .21.95



Slim-Line AM Radio

14⁹⁵

Integrated Circuit Cuts Size, Adds Reliability

Pocket AM On a Budget

**NEW
FOR '84**

8⁸⁸

Makes a Perfect "Extra" Portable



Rotary tuning dial, 6.4cm speaker, built-in AM antenna. With earphone jack and wrist strap. 10.1x6.4x3.5cm. Requires 9V battery. 12-177 . . .8.88

Our Famous AM Flavoradios®

10⁸⁸

Each

In Four Delicious Flavours

Lemon

Orange

Blueberry

Strawberry



They slip easily into pocket or purse, or add a splash of color when carried by the handy wrist strap. They make great gifts, so buy enough for all the kids. With earphone. 9.2x7x3.8cm. Require 9V battery. 12-16610.88

One of our slimmest pocket radios, yet has great sound. Earphone jack, wrist strap. 13.5x9.5x2.7cm. Requires four "AA" batteries. 12-17314.95

BIG STEREO PERFORMANCE IN A PERSONAL-SIZE RECEIVER



Big Stereo Performance in a Personal-Size Receiver

- EQ Button for Deep Bass from our Minimus Speakers
- Easy-to-Read Tuning Dial with LED Frequency Pointer
- Exclusive Auto-Magic® Fine Tunes and Locks-in FM Stations

249⁹⁵

2-YEAR LIMITED WARRANTY

Realistic STA-Series Receivers are warranted against defects from date of purchase. Within this period, we will repair it without charge for parts or labour. Simply **bring your sales slip** as proof of purchase date to any Tandy store. Warranty does not cover transportation costs. Nor does it cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

Realistic STA-12. Don't be fooled by its small size — it's a solid performer that delivers superb stereo sound, yet so small it's even at home on a desktop! Use the STA-12 to power a small system in your flat or office, or a second system for your study or shop. Unique rear panel "BTL" switch boosts output power to 10 watts in mono mode. Ideal for use as a space efficient background music system. Separate balance and volume controls, pushbuttons for EQ and power, function switch for FM mono, FM stereo, AM, phono and tape. Auto-Magic® fine-tunes and locks in FM stations automatically, FM stereo LED, loudness button for deep bass response at low volume, stereo headphone jack. Only **Realistic** can give so many top features in a personal stereo receiver!

31-1965 249.95

Specifications

AMPLIFIER. Response: 40-20,000 Hz \pm 1 dB. **S/N:** 70 dB phono, 72 dB aux. **FM TUNER:** Sensitivity (IHF): 7.0 μ V (22.3 dBf). **Capture Ratio:** 3.0 dB. **S/N:** 60 dB. **Selectivity:** 55 dB. **Image Rejection:** 38 dB. **Stereo Harmonic Distortion:** 1.0%. **Separation (at 1 kHz):** 35 dB. **SIZE:** 6.7 x 26.4 x 17cm.



Save \$30⁹⁰

Reg. Separate Items 279.90

**SYSTEM
249⁰⁰**

- Realistic STA-12 AM/FM Stereo Personal Receiver
- Minimus-3.5 Shelf Speaker System With Full-Range 76mm Driver



Save \$60⁸⁰

Reg. Separate Items 489.80

**SYSTEM
429⁰⁰**

- Realistic STA-12 AM/FM Stereo Personal Receiver
- Two Minimus 3.5cm Speaker Systems
- LAB 1750 Belt Drive Turntable with Low Mass Magnetic Cartridge



Save \$90⁷⁵

Reg. Separate Items 749.75

**SYSTEM
659⁰⁰**

- Realistic STA-12 AM/FM Stereo Personal Receiver
- Two Minimus-7 Speaker Systems with Die-Cast Metal Enclosures
- LAB 290 Belt Drive Turntable with \$39.95 Moving-Magnet Cartridge
- SCP-3 Compact Cassette Player

Convenient Charge and Lay-By Plans Available at Most Tandy Stores

BUDGET-PRICED MINI-COMPONENTS SAVE SPACE

AM/FM Stereo Tuner and Matching Amplifier



119⁹⁵
Each

- Perfect First System for Music Lovers
- Use Them Together or With Other Components
- Attractive Brushed Aluminium Front Panels

Realistic TM-102 AM/FM Tuner. Even at this low price, you get phase-locked loop circuitry for superb stereo, a ceramic filter to sharpen FM reception and a lighted dial. AM antenna, terminals for external FM antenna. 8.9 x 23.5 x 17.8cm. **31-1964** **119.95**

Realistic SA-102 Stereo Amplifier. Use with a tuner, tape deck, or phono. Mono/stereo button, headphone and tape-out jacks. 8.9 x 23.5 x 17.8cm. **31-1963** **119.95**



Save \$30⁷⁵ **SYSTEM 269⁰⁰** Reg. Separate Items 299.75

- Realistic TM-102 Mini-Tuner
- Realistic SA-10 Micro-Amplifier
- Two Minimus-0.3 Cube Speakers In Genuine Oiled Walnut Veneer
- Realistic SCP-3 Compact Stereo Cassette Player with Auto-Stop



Save \$54⁷⁵ **SYSTEM 419⁰⁰** Reg. Separate Items 473.75

- Realistic SA-102 Mini-Amplifier
- Realistic TM-102 Mini-Tuner
- Two Minimus-17 Full-Range 127mm Genuine Walnut Veneer Speakers
- LAB-1750 Turntable With Low Mass Magnetic Cartridge

Stereo Micro Amplifier



STILL AT 1983 CAT. PRICE

69⁹⁵

Inputs for Ceramic Phono, Tuner or Tape Deck

Realistic SA-10. Good sound at a bargain price. Stereo/mono button, separate right and left channel volume controls, tone control. 8.9 x 23.5 x 17.8cm. **31-1982** **69.95**

Magnetic Cartridge Preamp



49⁹⁵

Matches Low-Output Magnetic Cartridges to Any Aux Input

Lets you enjoy the superior performance of a magnetic cartridge with amplifiers having only ceramic phono or aux inputs. Wide stereo separation, low distortion, accurate RIAA equalization. Metal case. 5.5 x 15 x 10cm. **42-2101** **49.95**

MINI MUSIC SYSTEM — IDEAL FOR ALL YOUNGSTERS



AM/FM Stereo Cassette With Built-In Speakers

269⁹⁵

- Perfect for a Youngster's Bedroom Shelves
- Cassette Pause Control and Tape Counter
- Separate Bass and Treble Controls

Realistic Clarinette® -66. A big value in a small size! "Stacked" design looks great and fits almost anywhere. Record off-the-air, or "live" with optional mikes. Features LED power-on and FM stereo indicators and headphone jack. Expand anytime with external speakers and record changer (below). Simulated wood grain on top and sides. 29 x 34 x 28.7cm. 13-1214 **269.95**

Utility Cabinets for Every Application



Deluxe Glass Lift Top

- Twin Full Length Smoked Glass Doors
- Lift Glass Top

[A] Protects contents from damage. Strong 18mm sides in attractive walnut vinyl veneer, with adjustable centre shelf. Lift glass top allows vertical access, castors for ease of mobility. 53 x 39 x 96cm. 42-9515 **169.95**

Systems Cabinet

- Designed as a Multi-Use Cabinet

[B] Features a full length glass door with a magnet touch latch. Adjustable centre brackets allow you to regulate spacing to house particular units. 87 x 38 x 47cm. 42-9512 **99.95**

Customising Kit. Allows you to use this cabinet with the STA-204 system or other narrow width units. 42-9513 **9.95**

Deluxe Cabinet

- ¾ Length Twin Glass Doors

[C] Excellent design gives maximum storage space. Adjustable central shelf and metal dividers. Built to last. 52 x 39.5 x 96cm. 42-9014 **129.95**

**STILL AT
1983
CAT. PRICE**

169⁹⁵

**STILL AT
1983
CAT. PRICE**

99⁹⁵

**STILL AT
1983
CAT. PRICE**

129⁹⁵

TANDY — A WORLD LEADER IN SPEAKER SALES

High-Efficiency 3-Way Tower Speaker System in Genuine Walnut Veneer

Mach One® Liquid-Cooled 3-Way Speaker System Delivers Bass You Can Feel!

399⁹⁵ Each



**NEW
FOR '84**

299⁹⁵ Each

Available
Oct. 30, 1983

- 250mm Long-Throw Woofers
- 127mm Midrange Driver
- 25mm Liquid-Cooled Tweeter



Realistic Mach One "Liquid Cooled". One of our most popular speakers ever! Powerful 380mm woofer with massive 1kg magnet pumps out huge volumes of air — you can feel the bass down to 25 Hz. Sectoral midrange and heavy-duty tweeter horns are ferrofluid cooled for increased power handling and improved linear response. Up-front treble and midrange controls. Genuine walnut veneer.

40-4029 **399.95**

SPECIFICATIONS. Response: 25-20,000 Hz. Power Handling Capacity: 160 watts. Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 73 x 44.7 x 31cm.

Realistic Optimus T-120. A remarkable combination of great looks and great sound! Vertical design saves floor space, too. Sealed, acoustic-suspension enclosure helps produce deep, accurate bass. Dome tweeter is ferrofluid cooled to increase power handling capability, and pours out clean, crisp highs. Removable cloth grille allows access to variable level controls for midrange and tweeter — use them to adjust sound to suit your tastes or listening room acoustics. Hand-oiled walnut veneer and rounded corners make it a real eye-catcher. 40-2047 **299.95**

SPECIFICATIONS. Response: 50-20,000 Hz. Power Handling Capacity: 80 watts. Sensitivity: 91 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 90 x 31.7 x 29cm

A **B** **C** **D** High-Performance Two-Way Speaker Systems



159⁹⁵ Each

119⁹⁵ Each



89⁹⁵ Each

69⁹⁵ Each

A Optimus-30 Tuned Port System. Efficient bass low-end response. Rugged woofer and 64mm-wide dispersion tweeter. 70-watt power handling capacity. 58 x 31 x 21.9cm.

40-2043 **159.95**

B MC-1401 Bass-Reflex System. Delivers powerful bass from low powered amps/receivers. 200mm woofer and 108mm tweeter. Tuned-port enclosure. 55-watt power handling capacity. 45.7 x 29.2 x 19cm.

40-1988 **119.95**

C MC-1201 Acoustic Suspension. Features 64mm extended-range tweeter and 200mm bass driver (161 sq cm radiating area). Response, 85 to 17,000 Hz. 50-watt power handling capacity. 45 x 27 x 19cm.

40-1990 **89.95**

D MC-600 Bookshelf System. Effective enclosure design for wide 100 to 18,000 Hz response. 165mm long-throw woofer, and 64mm tweeter. 40-watt power handling capacity. 34.3 x 22.5 x 13.3cm.

40-1979 **69.95**

OUR AMAZING, SPACE-SAVING MINIMUS® SPEAKERS

Die-Cast Speaker System With Polypropylene Woofer

Available Nov. 30th, 1983



NEW FOR '84
129⁹⁵ Each

Realistic Minimus-12. Acoustically aligned for detailed sound with exceptionally smooth bass. Response: 60-20,000 Hz. Power handling capacity: 50 watts. Spring terminals. 26.8 x 17.6 x 16cm.

40-2046129.95

- 127mm Woofer
- 50mm Horn-Loaded Cone Tweeter

Elegant Walnut Veneer Mini-Speaker

89⁹⁵ Each

- 100mm Woofer
- 25mm Soft-Dome Tweeter
- Removable Cloth Grille



Realistic Minimus-7W. Same design as our famous Minimus-7, but with genuine oiled walnut finish. This incredible little speaker delivers full-range sound up to 20,000 Hz. Power handling capacity: 40 watts. Spring terminals. 20 x 12.7 x 10cm. 40-203989.95

Great Sound for Home or Car

NEW LOW PRICE

29⁹⁵ Each
Was \$34.95 in 1983 Catalogue

- Just 14.3cm High
- Extraordinary 76mm Speaker
- Removable Steel Grille



Realistic Minimus-3.5. This remarkable little performer puts big sound in the smallest places! High-density moulded enclosure. Spring terminals. 14.3 x 9.2 x 9.2cm.

40-199629.95

Mounting Brackets. 40-1997 . . . Pair 14.95

The Famous Minimus-7 Speaker—Praised by Stereo Review

"The panel found its sense of openness, level of definition, reproduction of musical detail, and stereo imaging were all quite good . . . power handling above average . . . a good buy."

79⁹⁵ Each • Long-Excursion 100mm Woofer
• 25mm Soft-Dome Tweeter
• Die-Cast Metal Enclosure

Realistic Minimus-7. Less than 18cm high, yet you get outstanding bass and crystal-clear highs in the home, flat, car — anywhere! Deluxe crossover for smooth response without artificial "peaks". Hanger slots and recessed spring terminal connectors for easy wall mounting. Power handling capacity: 40 watts. 17.9 x 11.3 x 10.9cm

Black 40-2030/Silver, 40-203479.95

Mounting Brackets. 40-2031 . . . Pair 21.95



*Quotes excerpted with permission from STEREO REVIEW, Aug. 1979 article "Nineteen Minispeakers". © 1979 Ziff-Davis Publishing Co. All rights reserved.

Walnut Veneer Cube Speakers

NEW FOR '84



19⁹⁵ Each

A Minimus-0.3. Great as extensions for personal stereos. 76mm driver. 7 watts. 10x10x8.6cm. 40-125019.95



36⁹⁵ Each

B Minimus-17. Sealed walnut veneer enclosure with an amazing 127mm full-range driver. Wire mesh grille. 15 watts. 16.5x16.5x15.2cm. 40-22536.95

Mini-Extension Speakers



NEW LOW PRICE 21⁹⁵ Each

C Minimus-3. 127mm driver, walnut vinyl veneer. 7 watts. 25.4x21.6x14cm. 40-91321.95

D Minimus-8. 100mm driver, walnut vinyl veneer. 10 watts. 24.7x14.9x11.1cm. 40-21631.95

E Minimus-0.5. Metal frame, walnut vinyl veneer, 10 watts. 16.8x12.4x10.5cm. 40-199526.95



31⁹⁵ Each



26⁹⁵ Each

STILL AT 1983 CAT. PRICE

Super-Tweeter Adds Brilliance to any Speaker System



29⁹⁵ Each

Dynamic. Extends response to 40,000 Hz. Mounts in or outside of enclosure. Power capacity, 50 watts. 40-1310 . . 29.95

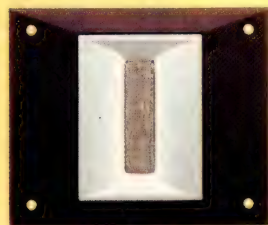
STILL AT 1983 CAT. PRICE

5-Year Limited Warranty

Realistic MC Series, Nova, Minimus, Optimus and Mach One speaker systems are warranted against defects for five years from the date of purchase. Within this period Tandy will repair the equipment without charge for parts and labour. Simply **bring your sales slip** as proof of purchase date to your Tandy store. Warranty does not cover transportation costs nor does it cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

UPGRADE WITH TWEETERS & MIDRANGE SPEAKERS

Leaf Tweeter for Superb Highs



**NEW
FOR 84**

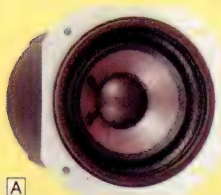
26⁹⁵

- Ultra-Wide 5-50 kHz Frequency Range
- 30 Watts Power Handling Capacity

Advanced design for exceptionally detailed high frequencies to an incredible 50,000 Hz! Wide dispersion characteristics provide brilliant sound throughout the listening area. SPL: 91 dB (1W/1M). 269g magnet. 8 ohms.

40-1375 **26.95**

Midrange Speakers



A

16⁹⁵



B

**STILL AT
1983
CAT. PRICE**

24⁹⁵

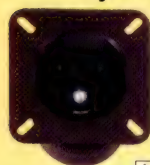
A 76mm Dynamic Midrange/Tweeter. Add to any woofer for a 2-way system with great mids and highs. 30 watts. Response: 700-20,000 Hz. SPL: 89 dB (1W/1M). 81g magnet. 8 ohms.

40-1289 **16.95**

B Wide-Dispersion Soft-Dome Midrange. 70 watts. Response: 1500-10,000 Hz. SPL: 86 dB (1W/1M). 306g magnet. 8 ohms.

40-1281 **24.95**

Dynamic Tweeter Horns



A

12⁹⁵



B

**STILL AT
1983
CAT. PRICE**

21⁹⁵

These quality horns deliver wide, controlled sound dispersion patterns. Ideal for use where high penetration levels are desired. Dynamic elements provide life-like reproduction of percussive and brass instruments. 8 ohms.

Fig.	Descrip.	Power Nom/Max (watts)	F ₀ (Hz)	Eff. Freq. Range (kHz)	SPL 1W/1M (dB)	Magnet Wt. (g)	Cat. No.	Each
A	64mm Radial	20/50	2500	6-16	98	78	40-1278	12.95
B	50 x 152mm	12/30	1500	5-17	96	78	40-1228	21.95

Wide-Dispersion Dome Tweeters for Smooth, Accurate Sound

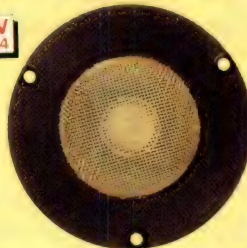


A

Polycarbonate
Hard Dome

14⁹⁵

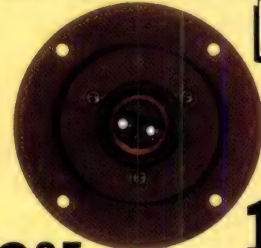
**NEW
FOR 84**



B

Polypropylene Dome

16⁹⁵



C

Mylar Dome

16⁹⁵

**STILL AT
1983
CAT. PRICE**

These lightweight tweeters react quickly to input for excellent transient response. Their smooth, "natural" sound character is further enhanced by exceptional dispersion qualities. This in turn gives you detailed stereo imaging without narrow "beaming" effect. 8 ohms.

Fig.	Size (mm)	Power Nom/Max (watts)	Eff. Freq. Range (kHz)	SPL 1W/1M (dB)	Mag. Wt. (g)	Cat. No.	Each
A	19	20/40	3-30	91	17	40-1376	14.95
B	25	20/40	3-20	91	122	40-1374	16.95
C	25	20/40	6-20	87	153	40-1276	16.95

Solid-State Piezo Tweeters for High-Output Applications

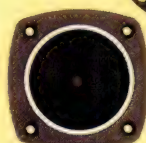


A

B



C



D

**STILL AT
1983
CAT. PRICE**

- Easy Parallel Hookup—No Crossover Required
- Virtually Burnout-Proof

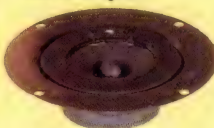
Improve the sound of your present speaker system with crisp, clean highs and superior sound fidelity. These high-performance tweeters employ a ceramic driver element in place of a voice coil and magnet for lower mass and increased efficiency. This improves transient response so you hear clearer highs with a minimum of "ringing". 8 ohms.

Fig.	Description	Power Nom/Max (watts)	Eff. Freq. Range (kHz)	SPL 1W/1M (dB)	Cat. No.	Each
A	50x125mm Horn	30/75	2-25	94	40-1379	24.95
B	89mm Super Horn	30/75	5-25	95	40-1381	21.95
C	95mm w/Dome	40/75	4-20	91	40-1382	17.95
D	50mm Home/Car	40/75	5-25	93	40-1383	9.95

Dynamic Cone Drivers

NEW LOW PRICE

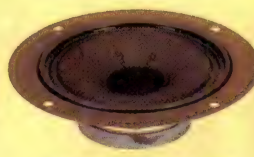
Was \$11.95 in
1983 Catalogue



44mm Tweeter

A

9⁹⁵



Ferrofluid-Cooled
100mm Midrange

B

16⁹⁵

Enjoy extended high and mid-frequency response with these affordably priced cone drivers. 8 ohms.

Fig.	Power Nom/Max (watts)	F ₀ (Hz)	Eff. Freq. Range (kHz)	SPL 1W/1M (dB)	Magnet Wt. (g)	Cat. No.	Each
A	20/50	1700	5-20	91	58	40-1270	9.95
B	20/50	550	1.5-11	92	78	40-1282	16.95

Dynamic Protectors



For
Tweeters **9⁹⁵** Pair

Protects tweeter from overload. Increases power rating. Virtually inaudible operation. For two or three-way systems. Easy hookup.

40-301 **Pair 9.95**

Speaker Enclosure Construction Manual

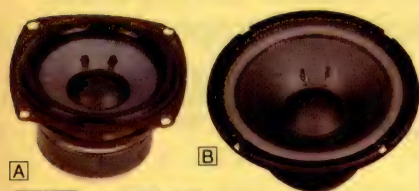


Everything You
Need to Know **5⁹⁵**

Chapters on how speakers work, closed-box and tuned-port designs, PA, testing, more. 62-2309 **5.95**

SPEAKERS FOR CUSTOM SYSTEMS & REPLACEMENT

Long-Throw 100mm and 165mm Woofers for Car or Home

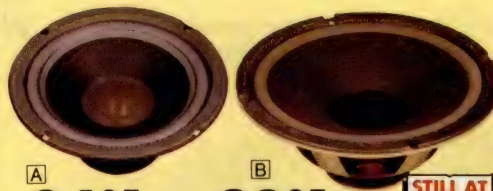


NEW FOR 84 **17⁹⁵** **26⁹⁵**

Long-throw design allows maximum cone movement to produce solid bass from a compact speaker. Colour-coded terminals. 8 ohms.

Fig.	Size (mm)	Power Cap. (watts)	Effect. Freq. Range (Hz)	F ₀ (Hz)	Q _{TS}	V _{AS} (m ³)	SPL 1W/1M (dB)	Magnet. Wt. (g)	Cat. No.	Each
A	100	10	55-5000	55	.02	.23	84	226	40-1022	17.95
B	165	50	50-5000	45	.03	1.2	90	365	40-1009	26.95

200mm & 254mm Foam-Surround Woofers for Extended Lows



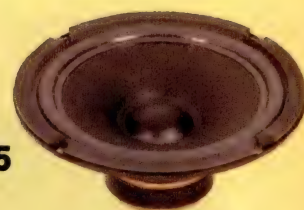
34⁹⁵ **39⁹⁵**

STILL AT 1983 CAT. PRICE

These speakers deliver clean, "gutsy" bass. High-temperature voice coils for reliability. Mounting gaskets included. 8 ohms.

Fig.	Size (mm)	Power Cap. (watts)	Effect. Freq. Range (Hz)	F ₀ (Hz)	Q _{TS}	V _{AS} (m ³)	SPL 1W/1M (dB)	Magnet. Wt. (g)	Cat. No.	Each
A	200	30	43-3000	43	.46	.06	82	453	40-1006	34.95
B	254	50	40-4000	40	.93	.12	91	258	40-1331	39.95

200mm Polypropylene Woofer

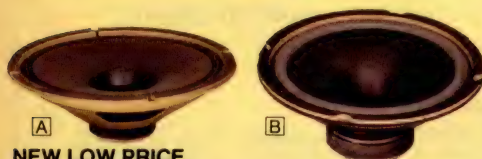


34⁹⁵

Light, rigid cone is designed to deliver exceptional low-frequency smoothness. 8 ohms.

Size (mm)	Power Cap. (watts)	Effect. Freq. Range (Hz)	F ₀ (Hz)	Q _{TS}	V _{AS} (m ³)	SPL 1W/1M (dB)	Magnet. Wt. (g)	Cat. No.	Each
200	50	30-3000	30	.41	2.55	89	283	40-1021	34.95

200mm Full-Range Speakers



NEW LOW PRICE

9⁹⁵ Was \$10.95 in 1983 Catalogue **24⁹⁵**

Perfect for sound reinforcement or background music systems. Use for clubs, schools, offices, rec room, and other applications. 8 ohms.

Fig.	Size (mm)	Power Nom/Max (watts)	F ₀ (Hz)	Eff. Freq. Range (Hz)	SPL 1W/1M (dB)	Magnet. Wt. (g)	Cat. No.	Each
A	200mm	5/10	75	75-20K	88	78	40-1271	9.95
B	200mm w/Whizzer	4/10	90	90-20K	87	150	40-1272	12.95
	200mm w/Whizzer	30	57	57-16K	93	266	40-1286	24.95
	200mm w/Whizzer	35	55	55-16K	90	453	40-1341	29.95

Multi-Use Wide-Range Speakers NEW LOW PRICES

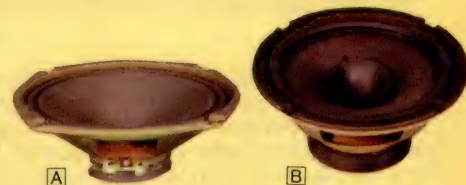


NEW LOW PRICE

Enjoy clarity and wide-range sound reproduction with these value-priced little speakers. Designed for use as replacements in portable tape recorders, radios, CBs, telephone amplifiers, and more. 8 ohms.

Fig.	Size (mm)	Power Nom/Max (watts)	Magnet. Wt. (g)	Cat. No.	Last Year Was	New Low Price
A	76	2.0	9.9	40-248	4.99	3.99
B	57	0.5	9.9	40-246	3.99	2.99
C	50	0.5	9.9	40-245	3.99	2.99

152mm Full-Range Speakers



A

B

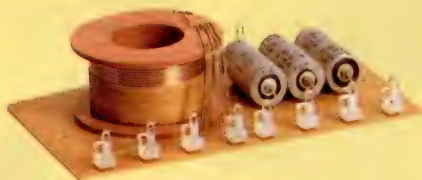
Use these great-sounding speakers as extensions, replacements, in custom-built systems, ceiling installations, and more! Smooth response from solid lows through the important midrange frequencies, to extended highs. 8 ohms.

Fig.	Descrip (mm)	Power Nom/Max (watts)	Res. Freq. (Hz)	Eff. Freq. Range (kHz)	Magnet. Wt. (g)	Cat. No.	Each
A	152	2/5	90 Hz	90-12K	79	40-1242	9.95
B	152 w/Whizzer	7/20	55 Hz	55-12K	277	40-1285	19.95

Universal Two-Way Crossover

19⁹⁵

Choice of three crossover points: 2000 Hz, 2500 Hz or 4000 Hz. Cut-off rate: 6 dB per octave. 100 watts. 40-1296 ... 19.95



Universal Three-Way Crossover

29⁹⁵

Four combinations: 800/5000 Hz, 800/7000 Hz, 1600/5000 Hz, 1600/7000 Hz. Cut-off rate: 6 dB per octave. 100 watts. 40-1299 ... 29.95



Custom Speaker Terminal Plates

3⁵⁹

- Spring Jacks
- Phono or 1/4" Phone Jack

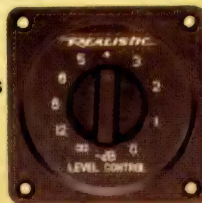
Recessed design lets you put enclosure near wall. Centered RCA-type phono jack with plug to maintain acoustic "seal". 274-625 ... 3.59
As above, but with 1/4" phone jack instead of phono jack. With seal plug. 274-624 ... 3.59

L-Pad Speaker Level Control

9⁹⁵

Handles Up to 75 Watts

Use to control tweeter or midrange output to match woofer output. Or control volume of any 8-ohm speaker. 40-977 ... 9.95



Acoustic Insulation

For Custom Builders

6⁹⁵

Fibreglass. For damping speaker enclosures. .84 sq.m. 42-1082 ... 6.95



REALISTIC® HI-TECH LINEAR TRACKING TURNTABLES



**Top-of-the-Line! Direct-Drive
With Built-in Microprocessor**

**NEW
FOR '84**

399⁹⁵

Available Dec. 15, 1983

- Plays Discs the Same Way They Were Originally Cut
- Logic-Controlled Tonearm for Absolute Zero Tracking Error
- 2-Speed Bidirectional "Search" Pushbuttons Control Tonearm
- Countersunk Neon Stroboscope With Accurate Pitch Control
- Convenient Front-Access Controls
- LED Indicators for Disc Size, Speed, Repeat and Power-On
- Clean, Low-Profile Styling

Realistic LAB-2100. Our finest turntable ever! Built-in computer circuitry monitors and adjusts the straight-line, low-mass tonearm, keeping the stylus at the correct angle to the groove at all times. You get perfect tracking at every point on the disc, from beginning to end—which means superior sound and preservation of your valuable records. Soft-touch pushbuttons provide complete fingertip control. Press the play/cut button for fully automatic operation, or use the cue and forward/backward buttons to maneuver the arm to any point on the record. With the LAB-2100, you never have to touch the tonearm. Repeat button with LED lets you continuously replay one side of a record. Rumble: -75 dB. Wow and flutter: less than 0.025%. 11.4 x 34.9 x 38.1cm. **42-2911399.95**

Includes Realistic/
Audio Technica
Dual-Magnet
Cartridge



**Belt-Drive Automatic With Cover-Mounted
Tonearm and Programmable Repeat**

**NEW
FOR '84**

299⁹⁵

Available Oct. 30, 1983

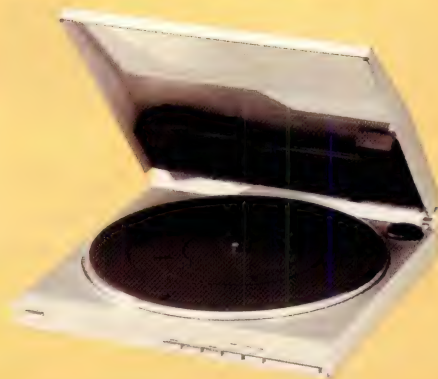
- Non-Contact, Photo-Sensing Size Finder Automatically Detects Size of Disc
- Repeat One Side of a Record—Or Your Favourite Cuts—Up to 16 Times



Includes Realistic/
Audio Technica
Dual-Magnet
Cartridge



Realistic LAB-1500. The latest in audio technology! Logic-controlled linear tracking duplicates the path of the cutting lathe which "mastered" the record. Distortion is reduced to the vanishing point, giving you the excellent sound reproduction audiophiles demand. "Search" pushbuttons let you move the tonearm forward or backward to any point on the record. Sleek, space-efficient styling. LED repeat indicator. Rumble: -70 dB. Wow and flutter: 0.045%. 9.2 x 32.1 x 32.1cm. **42-2909299.95**



You Never Have to Touch the Tonearm!

FEATURE PACKED — PRECISION TURNTABLES

**Fully Automatic Direct-Drive
With Selectable Repeating Play**

369⁹⁵

- Convenient Front-Access Controls
- Built-In Strobe with Neon Lamp • Pitch Control
- Straight-Line Tonearm for Excellent Tracking
- Adjustable Tracking and Anti-Skate Controls

Realistic LAB-440. Features include repeat button for continuous replay of one record, damped cue/pause lever, auto-start, auto arm-return and shutoff. Rumble: -70 dB. Wow and flutter: less than 0.035%. 13 x 42 x 37cm.

42-2976 179.95



Includes \$49.95
Realistic/Shure
Moving-Magnet
Cartridge



**Precision Belt-Drive Automatic Offers
Quiet, Dependable Operation**

269⁹⁵

- Straight-Line Tonearm Design for Low Distortion and Exceptional Tracking
- Powerful, Constant-Speed DC Servomotor
- Damped Cue/Pause Lever
- Anti-Skate Control

Realistic LAB-290. Belt drive absorbs vibrations, so you hear only the music. Adjustable tracking minimizes record wear. Auto arm-return and shut-off. Rumble: -70 dB. Wow and flutter: less than 0.05%. 13 x 42 x 37cm.

42-2978 269.95



Includes \$39.95
Realistic/Shure
Moving-Magnet
Cartridge



**Budget Priced Belt Drive Automatic
Turntable, Quality Features**

**STILL AT
1983
CAT. PRICE**

179⁹⁵

- Belt Drive for Minimum Rumble
- Convenient Front Mounted Controls
- Dampened Cue/Pause Level
- Anti Skate Control

Realistic LAB-1750. Automatic, belt-driven turntable offering the fine features found only in high-tech, highly priced units. Incorporating straightline tone arm with adjustable counterweight and low mass cartridge that lightly tracks the platter groove. Rumble: -35 dB. Wow and Flutter: Less than 0.04%. 12.2 x 41.9 x 37.3cm. **42-9596 179.95**



RECORD CARE AND CLEANING ACCESSORIES

Revolutionary Silicone Roller Disc Cleaner



**NEW
FOR '84**

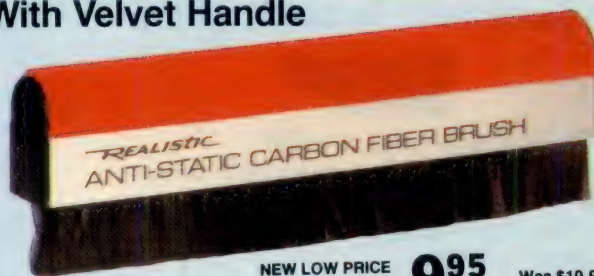
Available Nov. 15, 1983

14⁹⁵

**Provides Years
Of Effective
Cleaning Action**

The silicone rolling cleaner's positive lifting-action removes dust and dirt from record grooves and leaves absolutely no residue. Roller cleans easily with water. Moulded handle. **42-201** **14.95**

Anti-Static Carbon Fiber Record Brush With Velvet Handle



NEW LOW PRICE 9⁹⁵

Was \$10.95 in
1983 Catalogue

Removes surface dust the professional way—over one million static-cutting fibers thoroughly deep-clean your discs for prolonged record and stylus life. **42-112** **9.95**

Hydro-Stor Cleaning Cylinder System

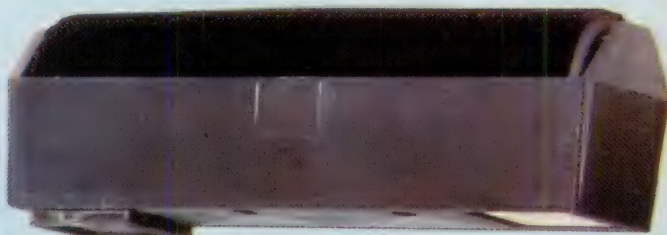


Velvet-covered cleaner helps protect your records. With fluid. Wood handle. **42-101** **9.95**

9⁹⁵



Wet-or-Dry Cleaner



Velvet-covered ionizer/cleaner removes dust and dirt, fights static. **42-130** **6.95**

6⁹⁵

**STILL AT
1983
CAT. PRICE**

Anti-Static Fluid

2⁹⁵

**Controlled
Flow Tip**



Cleans records and styli. Usable with all fine cleaners. 118g. **42-105** **2.95**

Stylus Cleaner

2⁹⁵

**Includes
Lint-Lift
Brush**



Removes harmful particles from stylus. **42-1074** **2.95**

Glass Fibre Head Shell

9⁹⁵

Lightweight housing fits most straight-line tonearms. Mtg. hardware. **42-2699** **9.95**

Replacement Head Shell

**STILL AT
1983
CAT. PRICE**

5⁹⁵

Low Mass

Fits most S-shaped tonearms. With mtg. hardware. **42-2752** **5.95**



Easy-to-Use Cleaner

3⁹⁵

**STILL AT
1983
CAT. PRICE**



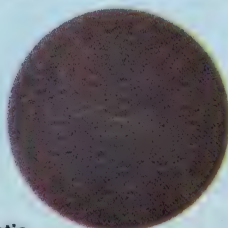
The lowest cost way to protect and prolong record and stylus life. **42-135** **3.95**

Foam Phono Cushions

2⁹⁵

• **Anti-Static**

Anti-resonant support. 30.5cm diameter. **42-361** **2.95**

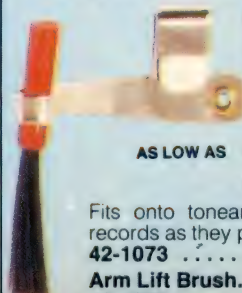


Clip-On Disc Brush

**STILL AT
1983
CAT. PRICE**

AS LOW AS 1¹⁹

Fits onto tonearm, cleans records as they play. **42-1073** **1.19**
Arm Lift Brush.
42-1072 **1.99**

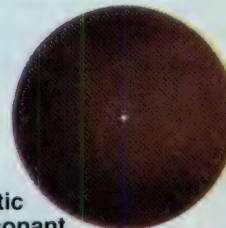


Turntable Mat

9⁹⁵

• **Anti-Static**
• **Anti-Resonant**

Carbon/impregnated foam cuts "crackle and pop". **42-362** **9.95**



REALISTIC/SHURE MOVING-MAGNET CARTRIDGES

Discover the Accuracy of Our Realistic/Shure RXT4

Dynamic Stabilizer With Viscous Damping Assures Outstanding Sound—Even on Warped Records

79⁹⁵

Our best in every way! Use with any turntable capable of tracking at 1 1/2 grams or less. Telescoping stylus for unmatched trackability at an ultra-light 3/4-1 1/2 grams—even on the new super discs. Lowest distortion elliptical stylus (5 x 18 microns). Super-flat frequency response: 20-20,000 Hz. Wide stereo separation: at least 25 dB at 1 kHz. Carbon fibers neutralize static charges. Side-Guard automatically deflects stylus to prevent damage. With easy-mount installation kit, screwdriver and stylus cleaning brush. Upgrade the sound of your system with this high-quality cartridge! 42-2773 79.95



NEW FOR '84



29⁹⁵

Realistic/Shure R25XT

Hi-Value Hi-Fi

Elliptical diamond stylus for lower distortion (10 x 18 microns). 20-20,000 Hz response. Tracks at 2.5-3.5 grams.

42-2777 29.95

NEW FOR '84



39⁹⁵

Realistic/Shure R47XT

Wide Dynamic Range

Features of R25XT, plus high trackability from 1.75-2.25 grams. 20 dB channel separation. Elliptical diamond.

42-2778 39.95

NEW FOR '84



49⁹⁵

Realistic/Shure R1000XT

Ultra-Light Tracking

Smooth 20-20,000 Hz response for high-definition. Tracks at 1-1.5 grams. Elliptical diamond stylus.

42-2779 49.95

Elliptical Diamond Styli for Realistic/Shure Cartridges



NEW FOR '84

21⁹⁵

Replaces R25, Shure M71, M75 E C S series.

R3X 42-2780 21.95



NEW FOR '84

29⁹⁵

Replaces R47, Shure M70, M75 series.

R5X 42-2781 29.95



NEW FOR '84

34⁹⁵

Replaces R27, Shure M73/75E series.

R6X 42-2782 34.95



NEW FOR '84

39⁹⁵

Replaces R1000, Shure M90, M75 T-2 series.

R8X 42-2783 39.95

Realistic/Shure Elliptical Stylus

59⁹⁵

Replaces RXT4 and Shure M97ED cartridges. With damped dynamic stabilizer. 42-8162 59.95



Budget Cartridge



19⁹⁵

Diamond conical stylus. 20-20,000 Hz response. Tracks 3.5g. Easy-mount adapter. 42-2772 19.95

Plug-In Cartridge

39⁹⁵

RX1500

Tracks at 1-1.5g for linear tracking turntables. Elliptical stylus. 15-25,000 Hz response. 42-2775 39.95

ATN-771E Stylus

14⁹⁵

For Audio-Technica AT-70, AT-71, AT-71E. Tracks 1 1/2-2g. 42-2774 14.95

RT1500 Stylus

29⁹⁵

For RX 1500; AT102P. AT102/112/112EP. Tracks 1-1.5g. 42-2776 29.95

RSK8C Diamond

14⁹⁵

For QLM30 and ADC K series. Conical. 42-2771 14.95

Replacement Diamond Styli

Renew or upgrade your present stylus — don't let a worn stylus damage your records! All styli are shadow-graphed for uniform quality and respo, so you're sure of getting only the best from a Realistic stylus!

Cat. No.	Manufacturers' Cartridge or Stylus No.	Golding Stylus No.	Price
AKAI			
42-9816	PC-90	816	16.95
AUDIO-TECHNICA			
42-9572	VM8-7D	197	16.95
42-9816	AT-3711	816	16.95
42-9910	ATN-3401	910	19.95
42-9508	ATN-3600	1008	19.95
BSR			
42-9104	TC8H, TC8M	35	6.95
42-9105	ST3, ST4	88/2	10.95
42-9107	ST12, ST14, ST15	442/2	10.95
42-9109	ST10	404/2	10.95
42-9111	ST16, ST17	475/2	10.95
COLUMBIA			
42-9748	YM-121	748	16.95
42-9788	SJN-45	788	10.95
EXCEL/GOLDRING			
42-9575	S70HR	171	16.95
42-9608	S70SR	170	16.95
GARRARD			
42-9115	KS40A	444/2	10.95
JVC			
42-9623	DTZ1S	622	16.95
42-9789	DT-36	789	16.95
NATIONAL/TECHNICS			
42-9617	EPS270ED	616E	24.95
42-9978	EPS-25ED	978	24.95
PIONEER			
42-9611	PN12, PN110	528	16.95
SANSUI			
42-9627	SN37, SV37	574SR	16.95
42-9748	SV44	748	16.95

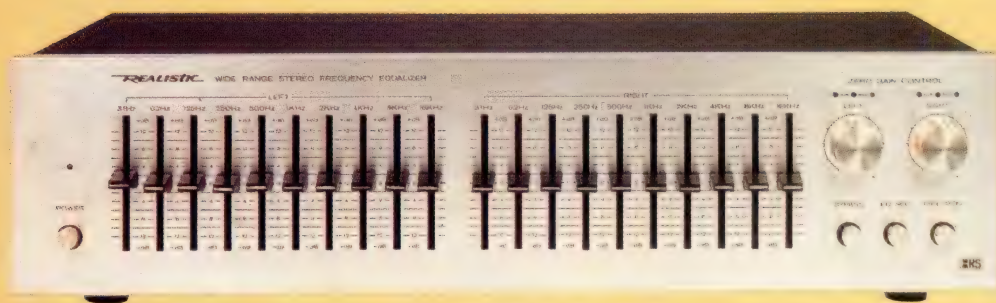
Cat. No.	Manufacturers' Cartridge or Stylus No.	Golding Stylus No.	Price
SANYO			
42-9615	ST-27D	579	16.95
42-9910	MG35D	910	19.95
42-9565	ST28D	565	16.95
42-9684	ST15D	184	16.95
42-9794	ST107	794	16.95
SHURE			
42-9609	N75/6/Type 2	414	16.95
42-9586	N-91ED	186	24.95
42-9640	N55/E	425E	24.95
SONOTONE			
42-9115	3509	444/2	10.95
TECTRON			
42-9805	N-512S	805	16.95
TETRAD			
42-9549	C-2	464/2	10.95
TOSHIBA			
42-9786	C-280M	786	16.95
42-9956	N-160	956	16.95
VACO			
42-9550	65977	325	6.95

Special Ordering System

We can supply you with almost any cartridge or replacement stylus. If your particular stylus is not listed above and you are having difficulty in locating or even identifying it, come in and see our knowledgeable store managers. With this new system we can order in for you any stylus or cartridge available in Australia.



10-BAND, WIDE-RANGE FREQUENCY EQUALIZER



279⁹⁵

Zero-Gain Level Controls With Six LED Indicators for Easy, Exact Level-Matching

Specifications: Frequency Bands (Each Channel): 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000 and 16,000 Hz Frequency Response (Flat Setting): 5 to 50,000 Hz \pm 0.5 dB, -1.0 dB. **Tone Control Range:** \pm 12 DB. **Harmonic Distortion:** 0.02% at 0.775-volt output. **Hum and Noise:** -80 dB (0.775-volt output). **Size:** 12.1 x 42.5 x 26cm

Audio "magic"! Use our high-performance graphic equalizer to tailor the response of your stereo system to match the acoustics of any room... highlight a vocalist... add "punch" to certain instruments... even minimize tape hiss, record scratches and turntable rumble! Features twenty boost/cut slide controls with detented flat positions. EQ record switch, tape monitor and tape-in-out jacks, bypass button. **31-2000** 279.95

Five-Band Stereo Frequency Equalizer



STILL AT 1983 CAT. PRICE

129⁹⁵

A tremendous value — it's like adding ten full-range tone controls to your system! Five slide-action controls for each channel let you boost or cut frequency response up to 12 dB in bands centered at 60, 240, 1000, 3500 and 10,000 Hz. Features a tape monitor button, a bypass button for comparing equalized and original sound, line and tape in/out phono jacks. Metal case with brushed aluminium front 10.8 x 2.6 x 15.2cm. **31-1988** 129.95

Stereo Tape Control Centre



34⁹⁵

Monitor, Record and Dub with up to Three Tape Decks

Eliminates the hassle of patchcord "swapping". This compact component can also be used to switch equalizers, noise reducers, time delay devices and more. Connects to system's tape monitor jacks. Moulded case. 5.7 x 15.9 x 12.1cm. **42-2105** 34.95

Lug-to-Lug Cables for Speakers



Low As **2⁴⁹**

Colour-Coded for Easy Hookup
Solderless! Perfect for use with extension or main speakers.

Metre	Gauge	Cat.No.	Each
7.3	18	42-2451	6.99
7.3	24	42-2446	3.49
3.7	24	42-2447	2.49

Convenient Stereo Speaker Switch Box

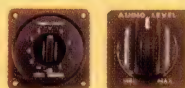


Handles Up to Six Speakers

Control living room, bedroom and outdoor speakers from a central location. Select simultaneous or individual use of three pairs of stereo speakers. Rated 10 watts rms. Sturdy moulded case. 5.4 x 15.2 x 8.3cm. **40-125** 19.95

19⁹⁵

Mono Volume Controls



STILL AT 1983 CAT. PRICE

9⁹⁵ 5⁹⁵

75-Watt 25-Watt

Control volume of one 8-ohm monophonic speaker. Easy to mount in wall or speaker enclosure. With complete instructions. **25-watt. 40-980** 5.95
75-watt. 40-977 9.95

Stereo Volume Control



16⁹⁵

75 Watt

Control volume of two 8-ohm speakers. Easy to install — fits standard electrical wall-box or cut-out. With instructions. **75-watt. 40-978** 16.95

Speaker Selector Switch

Handles Four Speakers

NEW LOW PRICE
Was 9.95 in 1983 Catalogue

8⁹⁵

Controls two pairs of stereo speakers. Select pair one, pair two or both. Non-shortening switch is enclosed in metal case with pre-drilled tabs. Mounting hardware included. **40-130** 8.95



Speaker Wall Jack

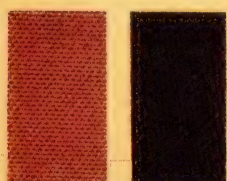
Fits in Standard Wall-Box **3⁹⁵**

STILL AT 1983 CAT. PRICE

Hook up stereo speakers anywhere. Includes two phono plugs. **40-981** 3.95



Speaker Grilles



A B

Colour-fast fabric grilles resist sagging, shrinking, fading. Acoustically transparent.

A. Deluxe Brown matches most wood grains. **40-1936** 12.95
B. Deluxe Black. **40-1935** 12.95

Plug-to-Lug Cables



Low As **3⁷⁹**

RCA-Type Phono Plug

Metre	Gauge	Cat.No.	Each
7.3	24	42-2450	4.49
3.7	21	42-2449	3.79

Mini Plug-to-Lug Cable

3⁹⁹

1/8" Mini Phone Plug

Metre	Gauge	Cat.No.	Each
3.7	24	42-2454	3.99

Phono Plug Cables

Low As **3⁹⁹**

RCA-Type Plugs At Each End

Put Speakers Anywhere!

Length	Colour	Gauge	Cat.No.	Each
15.2m	Brown	18	42-2480	12.95
7.3m	Brown	18	42-2478	8.99
7.3m	Grey	24	42-2392	4.49
7.3m	White	24	42-2430	4.49
3.7m	Grey	24	42-2445	3.99
3.7m	White	24	42-2431	3.99

Speaker Cable with Pin Connectors

NEW FOR 84

6⁹⁹

18-gauge copper cable, tinned pins, colour-coded, moulded finger grips. 7.3 metres long. **42-2455** 6.99



Metal Wall Brackets

Each Supports Up to 23kg

NEW LOW PRICE **4⁹⁵** Pair
Was \$6.95 in 1983 Catalogue



Now you can easily wall-mount speakers, yet keep the brackets hidden from view. With screws for hardwood mounting of two speakers. **40-150** Pair/4.95

QUALITY AUDIO CABLES, CONNECTORS, ADAPTERS

Gold-Plated Patch Cords



16⁹⁵

MF-200. Maximum fidelity, minimum loss—our best! 1m stereo cable with two low-capacitance, plated plugs at each end. Approved for video!
42-2601 16.95

Stereo Patch Cords



5⁹⁹

Length	Cat. No.	Each
91cm	42-2351	4.49
183cm	42-2352	5.99

Patch Cables



Low As
7⁹⁹

For adding tape decks, equalizers to your system. 4 phono plugs at each end. 1m long.
42-2354 7.99
NEW! 2m. 42-2355 11.95

Audio Cable Set



5⁹⁹ • 91cm Long
• Set of Four
Shielded to prevent "hum" pickup and signal loss. RCA-type phono plugs at each end.
42-2309 Set, 5.99

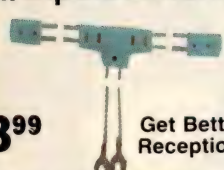
DIN Patch Cord



7⁹⁹

1.8-metre shielded cable with 5-pin DIN male connectors on each end. Designed for use with European-type hi-fi equipment. 42-2151 7.99

FM Dipole Antenna



3⁹⁹

Get Better Reception!

Superior to built-in and line-cord antennas. Lugs for easy hookup to receiver's 300-ohm antenna terminals. 42-2385 3.99

Stereo Y-Adapter



6⁹⁹

Six-foot cable. 1/4" stereo plug at one end, two phono plugs at the other. Lets you record from headphone jack.
42-2474 6.99

Stereo Y-Adapter

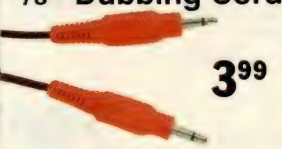


STILL AT 1983 CAT. PRICE

Low As
4⁹⁹

Connect portables to record from or play through a home hi-fi. 1/8" stereo plug to two phono plugs. 1m long.
42-2475 4.99
NEW! 2m. 42-2481 5.49

1/8" Dubbing Cord



3⁹⁹

1.8metre resistor cable with 1/8" phono plugs at each end. Dub from a recorder's earphone jack to mike-input jack of a second recorder. 42-2152 3.99

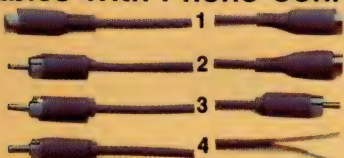
1/8" to Phono Plug Dub Cord



1.8 metre Cable **3⁹⁹**

1/8" plug at one end, phono plug at other. Dub from tape-out jack to a recorder's mike input.
42-2461 3.99

Cables With Phono Connectors

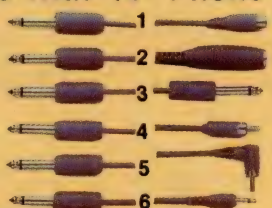


Low As
2²⁹

Shielded to Prevent "Hum" Pickup

Fig.	Description	cm	Cat. No.	Each
1	Phono Jack to Phono Jack	183	42-2358	2.99
2	Phono Plug to Phono Jack	91	42-2361	2.79
2	Phono Plug to Phono Jack	183	42-2362	3.19
2	Phono Plug to Phono Jack	366	42-2363	4.49
3	Phono Plug to Phono Plug	46	42-2365	2.49
3	Phono Plug to Phono Plug	91	42-2366	2.69
3	Phono Plug to Phono Plug	183	42-2367	3.29
3	Phono Plug to Phono Plug	366	42-2368	3.99
4	Phono Plug to Stripped, Tinned Wire	91	42-2370	2.29
4	Phono Plug to Stripped, Tinned Wire	183	42-2371	2.79
4	Phono Plug to Stripped, Tinned Wire	366	42-2372	3.79

Cables With 1/4" Phone Plugs

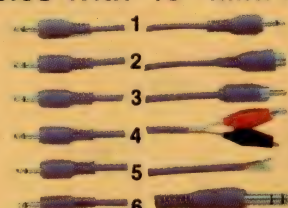


Low As
3⁴⁹

Shielded

Fig.	Description	In.	Cat. No.	Each
1	Phone Plug to Phone Jack	183	42-2377	3.49
2	Phone Plug to Inline Jack	366	42-2378	5.99
3	Phone Plug to Phone Plug	183	42-2381	4.49
4	Phono Plug to Phone Plug	183	42-2373	3.99
5	90° Phono Plug to Phone Plug	183	42-2440	3.49
6	Mini Phone Plug to Phone Plug	183	42-2433	3.79

Cables With 1/8" Mini Plugs



Low As
2⁹⁹

183cm Shielded Cables

Fig.	Description	Cat. No.	Each
1	Mini Phone Plug to Mini Phone Plug	42-2420	3.29
2	Mini Phone Plug to Mini Phone Jack	42-2442	3.99
3	Mini Phone Plug to Phono Plug	42-2444	3.49
4	Mini Phone Plug to Alligator Clips	42-2421	3.29
5	Mini Phone Plug to Stripped Ends	42-2434	2.99
6	Mini Phone Plug to Stereo Phone Plug	42-2157	3.79

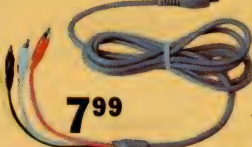
5-Pin European Type Y-Adapter



6⁹⁹

Use to adapt DIN or hischman sockets to standard U.S. phono plugs and cables. Includes 15cm cable with 5-pin socket to 4 phono jacks.
42-2394 6.99

5-Din Plug to 4 Phono Plugs



7⁹⁹

Incorporates playback and recording facilities in one convenient plug.
42-9522 7.99

5-Pin DIN to 2 Miniature Phono Plugs



5⁹⁹

Converts 5-Pin DIN stereo plug to 1/8" miniature phono plugs. Includes 76cm cable.
42-9251 5.99

Mike Cable and Y-Adapter

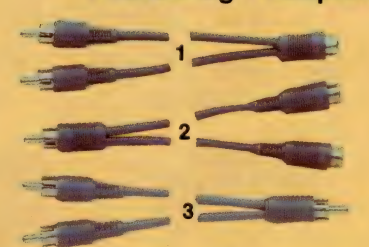


6⁹⁹

4⁹⁹

1. 7.6m Shielded Mike Extension Cord. 1/4" jack at one end, 1/4" phono plug at other. 42-2379 6.99
2. Y-Adapter. New Low Price! Plugs one mike into both channels of a stereo recorder. 1/4" phono plugs. 42-2156 4.99

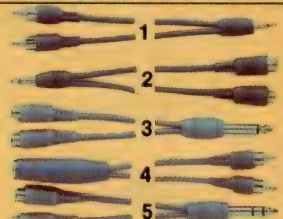
Phono-Plug Y-Adapters



Low As
2⁹⁹

1. Two RCA type phono plugs connected to one phono jack with 10cm shielded cables. 42-2435 3.79
2. One phono plug connected to two phono jacks with 7.6cm shielded cables. 42-2436 3.79
3. Two phono plugs connected to one phono plug with 10cm shielded cables. 42-2438 2.99

Assorted Y-Adapters



Low As
2⁹⁹

1. Flexible Y-Adapter. 2 RCA-type phono plugs connected to one 1/8" mini phone plug with 23cm shielded cables. 42-2153 2.99
2. Flexible Y-Adapter. 2 RCA-type phono jacks connected to one 1/8" mini phone plug with 23cm shielded cables. 42-2154 3.29
3. Flexible Y-Adapter. 2 RCA-type phono jacks connected to one 1/4" phone plug with 15cm shielded cables. 42-2150 3.49
4. Flexible Y-Adapter. Three-conductor (stereo) 1/4" phone jack connected to two RCA-type phono plugs. 42-2471 4.49
5. Flexible Y-Adapter. Three-conductor (stereo) 1/4" phone plug to two RCA-type phono jacks. 42-2477 3.79

LIGHTWEIGHT HEADPHONES FOR HOME AND ON-THE-GO

Add Comfort and Privacy to Your Home Hi-Fi Listening

A Realistic PRO-60. Our finest! Variable-density earcushions fit comfortably around your ear. Feature an "acoustic resistance" for solid bass response with open, transparent mid-range and treble. Low distortion — less than 0.5% THD. 3m coiled cord. 1/4" plug. **33-999 79.95**

- 15-30,000 Hz
- Less Than 227g

**STILL AT
1983
CAT. PRICE**

79⁹⁵



A

- 20-20,000 Hz Response
- Planar Drivers

B

49⁹⁵



B Realistic PRO-30. Low-profile phones are light on the ears and the budget. Low-mass drivers deliver excellent transient response — you hear your favourite music with no colouration. 3m lightweight coiled cord. 1/4" plug. **33-995 49.95**

Micro-in-Ear Stereo Earphones



16⁹⁵

**NEW
FOR '84**

Slips into outer ear

- 50-20,000 Hz Response
- Weighs Just 17g

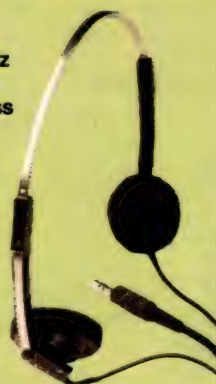
Our lightest! Great-sounding phones fit inside ear—no headband. Foam cushions, 1.2m cord, 1/8" plug. With carry pouch. **33-977 16.95**

Budget-Priced Micro-Headphones

- Amazing 100-20 KHz Response
- Weigh Less Than 60g

**STILL AT
1983
CAT. PRICE**

9⁹⁵



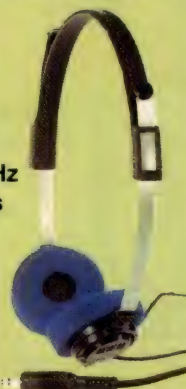
Realistic Nova-5. For people on a budget, these full range phones are the best. Adjustable headband, 1/8" plug, 1.2m cord. **33-9597 9.95**

Lightweight Micro-Headphones

AS LOW AS

19⁹⁵

- 50-20,000 Hz
- Weigh Less Than 85g
- Foam Earpads
- Adjustable Headband



Realistic Nova-35. 1.5 metre cord. 1/8" plug. **33-1035... 19.95.**

Realistic Nova-50. 1/4" plug. 2 metre cord. Was \$24.95 in 1983 Catalogue. **33-998 21.95**

Handy "Fold-Up" Micro-Headphones

24⁹⁵



- 50-20,000 Hz
- 2 metre Cord

Realistic Nova-52. Ideal for portable stereos. 1/8" plug. 71g. **33-979 24.95**

Nova-51. As above, but with 1/4" plug, 85g. **33-978 24.95**

Mini Adapter



3³⁹

1/4" Stereo Jack to 1/8" Stereo Plug

Headphone adapter lets you use your regular stereo phones with your personal portable. **274-366 3.39**

1/8 to 1/4" Adapters



**NEW
FOR '84**

3³⁹ each

A Right-Angle 1/8" Stereo Phone Jack to 1/4" Stereo Phone Plug. **274-371 3.39**

B As above, but straight-line. **274-367 3.39**

Mini Right-Angle Adapter



**NEW
FOR '84**

2⁸⁹

1/8" stereo phone jack to 1/8" stereo phone plug, 90° bend. For stereo or mono. **274-372 2.89**

Mini Plug "Y" Adapter



4⁴⁹

3-conductor plug adapts two 1/8" stereo plugs to one 1/8" stereo plug. **274-313 4.49**

Mono to Stereo Mini Adapter



Listen With Both Ears **1⁸⁹**

1/8" mono phone jack to 1/8" stereo phone plug — adapts stereo mini-phones to mono jack. **274-368 1.89**

STEREO HEADPHONES SURROUND YOU WITH MUSIC

- 20-20,000 Hz
- Volume/Balance Controls
- 30-18,000 Hz
- Large Elements For Solid Bass
- 50-15,000 Hz
- Glide-Path® Controls
- High Efficiency
- Budget Priced

39⁹⁵

A



34⁹⁵

B



29⁹⁵

C



17⁹⁵

D



A Realistic Nova-PRO. Great stereo sound at your fingertips! Dual controls let you adjust the volume and balance without leaving your chair. Rugged vinyl drivers, comfortable foam-filled earcushions and padded, adjustable headband. 3 metre coiled cord. **33-1014 39.95**

B Realistic Nova-40. 89mm drivers deliver full-range sound from deep, rich bass to soaring highs. Oversize cushioned earcups, padded, adjustable headband for real comfort. 3 metre coiled cord. **33-993 34.95**

C Realistic Nova-16. Lightweight for hours of listening pleasure. Adjustable left and right volume levels, balance. Foam-padded, adjustable headband and air-cushion earpads. 2 metre cord. **33-1019 29.95**

D Realistic Nova-10. Enjoy private stereo with one of our lowest-priced headphones! The 50mm drivers provide full bass, and the adjustable headband and cushioned earpads give a natural, airtight fit for listening in comfort. 2 metre cord. **33-1012 17.95**

Headphones Include 1/4" Plug
Designed for Low-Impedance Use

Add Listening Convenience With Earphones and Headphone Accessories

Earphone With 3-metre Cord



NEW FOR '84

3⁴⁹

Fits most portable TVs and recorders. Includes ear hanger clip, 1/8" plug. **33-177 3.49**

Stereo/Mono Headset

12⁹⁵

Dynamic Elements

Lightweight under-chin design. Ideal for dictation or music. 1/4" plug. 8 ohms. **33-196 12.95**

Pillow Speaker

4⁷⁹

Perfect for Clock Radios

Listen while resting without bothering others. 1/8" mini plug. **33-206 4.79**

Earphones & Extension



1⁹⁹

E Fits most portable radios and recorders. 3/32" Plug. **33-174 1.99**

2⁹⁹

F 6 metre Extension. 1/8" jack and plug. **33-175 1.99**
F 6 metre Extension. 1/8" jack and plug. **33-176 2.99**

Nova-Fone Earphone

9⁹⁹

- Comfortable
- Wide Response

A speaker that completely covers your ear—you hear full-range sound. 1/8" plug fits many portables. 8 ohms. **33-1036 9.99**

Pillow Speaker With Volume Control

7⁹⁹

Slips under pillow for private listening. 1/8" mini plug fits earphone jack of most clock radios and cassette portables. **33-207 7.99**

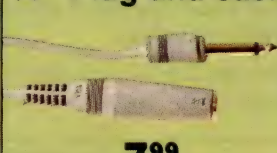
Coiled 7.3-metre Cable Extension



9⁹⁹

Lets you move about freely. Heavy-duty cable with 1/4" stereo plug and inline jack. **42-2443 9.99**

6-metre Extension, 1/4" Plug and Jack



7⁹⁹

You can easily listen anywhere in the room. Non-coiled flexible cable with 1/4" stereo plug and inline jack. **42-2442 7.99**

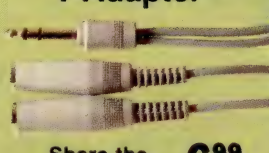
6-metre Extension 1/8" to 1/4" Adapter



7⁹⁹

Connects 1/8" stereo mini jack to 1/4" stereo plug. Use your lightweight headphones at home. **42-2460 7.99**

1metre Headphone Y-Adapter



Share the Music **6⁹⁹**

Private stereo for two. Connects two headphones to a single 1/4" stereo phone jack. **42-2448 6.99**

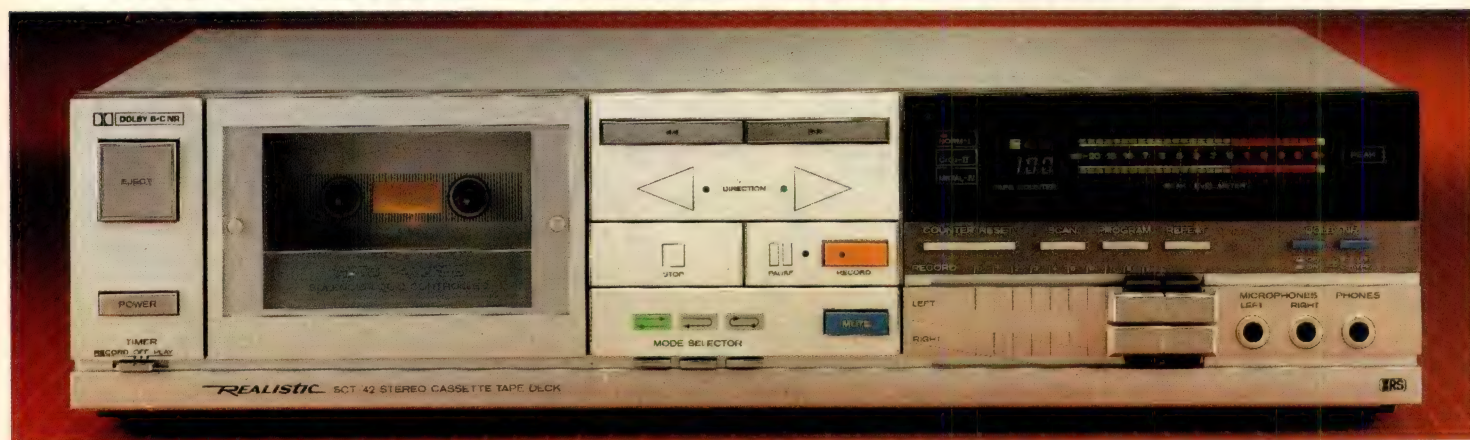
Phone Coupler



Enjoy Private Headphone Stereo **3⁹⁹**

For equipment having no headphone jack—attaches quickly to speaker terminals. **33-1009 3.99**

AUTO-REVERSE PROGRAMMABLE CASSETTE DECK



**NEW
FOR '84**

479⁹⁵

Available
Nov. 15, 1983

- Solenoid Logic-Controlled • Automatic Metal/CrO₂/Normal Bias Selector
- 2-Colour 14-Segment Fluorescent Peak Level Meter • Dolby* B-C NR

Realistic SCT-42. Our best—the new standard in tape control and convenience! Programmable memory skips over unwanted sections—you hear only the songs you desire, in the order you choose. Sample ten seconds of each cut in the scan mode. Repeat a portion of the tape—using both sides if you wish—up to fifteen times. Oversized solenoid “feather-touch” controls let you switch from fast-forward or rewind to play without tape jams. Record mute eliminates noise when editing. Separate sliding record level controls, digital

fluorescent tape counter, two mike jacks. Lighted mode selector lets you choose one side, both sides, or continuous playback of both sides.
14-628 479.95

Specifications

Response ± 3 dB: 45-18,000 Hz (metal), 45-17,000 Hz (CrO₂), 45-17,000 Hz (normal). **Wow and Flutter:** 0.04% WRMS. **S/N:** 75 dB Dolby C; 67 dB Dolby B (ref. 3.0% distortion, “A” weighted, metal tape). **Distortion:** 1.0% 3rd HD. **Record/Play Head:** Rotating Permalloy. **Erase Head:** Ferrite x 2. **Size:** 10.9 x 43.5 x 29.7cm. *TM Dolby Laboratories Licensing Corp.

HIGH-SPEED DUBBING STEREO CASSETTE DECK



449⁹⁵

- Automatic Search Music System Helps You Find Your Favourite Selection Fast
- Make High-Quality Copies of Your Cassette Tapes in Half the Time
- Dolby* Type-B Noise Reduction System

Realistic SCT-28. Now you can duplicate cassettes easily—material on the tape in Deck-1 is electronically transferred to Deck-2 at twice normal speed! Or listen to two cassettes in sequence for continuous music. Both decks feature “soft-touch” controls. Playback-only Deck-1 automatically selects the correct EQ setting. Deck-2 has full record and play capability, with pushbuttons for metal, CrO₂ and normal cassettes, a fine bias control and dual-concentric level controls. Record mute button lets you edit out errors or record silence

between selections. LED Dolby, dubbing, continuous play, pause and record indicators. Rear-panel output level control.

14-641 449.95

Specifications

Response ± 3 dB: 30-19,000 Hz (metal), 30-18,000 Hz (CrO₂), 30-15,000 Hz (normal). **Wow and Flutter:** 0.07% WRMS. **S/N:** 65 dB (ref. 3.0% distortion, “A” weighted, metal tape). **Distortion:** 1.1% 3rd HD. **Deck 1 Play Head:** Hard permalloy. **Deck 2 Record/Play Head:** Hard permalloy. **Erase Head:** Ferrite. **Size:** 11 x 41.9 x 24.9cm. *TM Dolby Laboratories Licensing Corp.

REALISTIC® HAS STEREO TAPE DECKS FOR EVERY BUDGET



- Automatic Search Music System Senses Silence Between Selections to Select the Previous or Next Desired Passage Quickly
- Selector for Metal, Chrome and Normal Tapes
- 2-Colour, 8-Segment LED Level Indicators.

Realistic SCT-500. Popular price, yet loaded with features. Dolby Type-B system extends dynamic range and minimises tape "hiss". LED peak-reading meters make setting record levels easy. "Soft-touch" function controls for easy operation. You also get dual concentric level controls, 3-digit counter, record and search mode indicators, mike/line input selector, more.

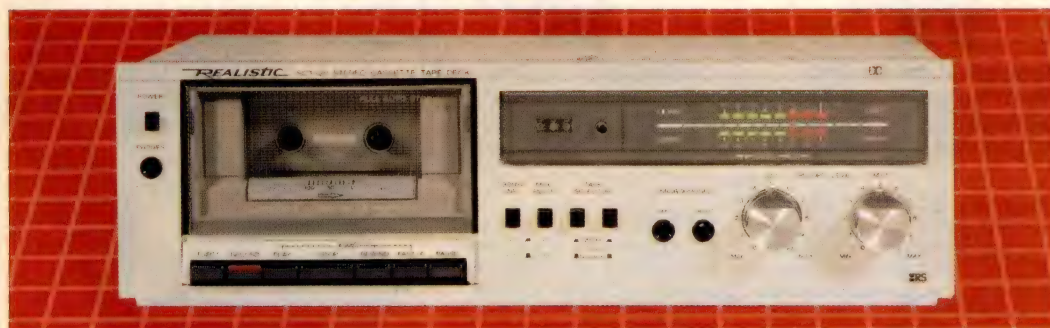
14-620 299.95

High-Style Deck with
"Soft-Touch" Controls,
Dolby* Type-B and ASMS

299⁹⁵

SPECIFICATIONS

Response $\pm 3\text{dB}$: 30-16,000 Hz (metal), 30-15,000 Hz (CRO₂), 30-14,000 Hz (normal). **Wow and Flutter**: 0.06% WRMS. **S/N Ratio**: 67 dB (ref. 3.0% distortion, Dolby Type-B, "A" weighed, metal tape). **Distortion**: 1.1% 3rd HD. **Record/Play Head**: Hard permalloy. **Erase Head**: Ferrite. **Output Level**: Adjustable to 0.7V max. **Size**: 11.6 x 42.7 x 23.5cm. *TM Dolby Laboratories Licensing Corp.



- Dolby Noise Reduction System
- Two-Colour, Eight-LED Peak-Reading Meters for Bright, Accurate Signal-Level Display
- Switchable MPX Filter for "Clean" FM Stereo Recordings

Realistic SCT-29. An affordable deck with high-end features! Dolby noise reduction extends dynamic range and minimises tape "hiss". Features easy-to-use "soft-touch" controls; a damped cassette door; 3-digit tape counter; adjustable output level and mike/line input selector on rear panel.

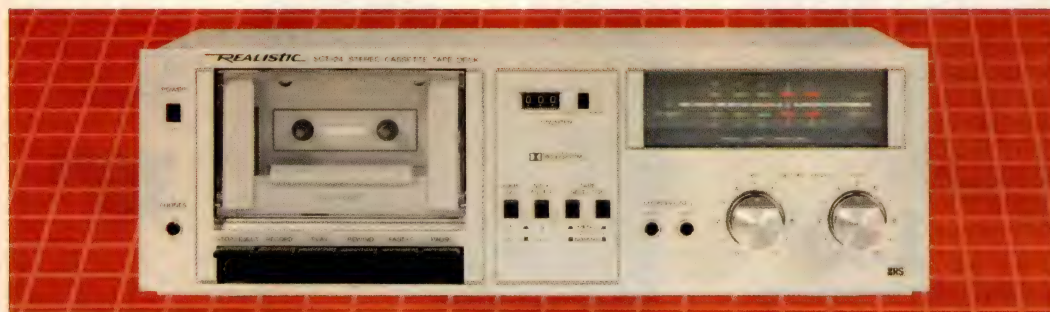
14-642 279.95

Low-Cost Cassette Deck
with Auto-Search Music
System

279⁹⁵

SPECIFICATIONS

Response $\pm 3\text{dB}$: 30-14,000 Hz (metal), 30-12,000 Hz (CRO₂ and normal). **Wow and Flutter**: Less than 0.07% WRMS. **S/N Ratio**: 65 dB (ref. 3% distortion, Dolby "on", "A" weighed, metal tape). **Distortion**: 1.3% 3rd HD. **Output**: Adjustable to 0.7V max. **Size**: 12.4 x 39 x 22.9cm.



- Two-Colour, Fast-Response LED Meters
- MPX Filter Cleans Up FM Stereo

Realistic SCT-24A. A high-performance basic deck with surprising features! Dolby B extends dynamic range and lowers hiss. Bias and EQ selectors for metal, CrO₂ and normal tapes. Soft-eject cassette door, 3-digit counter. Adjustable output level and mike/line input selector.

14-613 199.95

Lowest-Priced Cassette
Deck with Dolby B
Noise Reduction

STILL AT
1983
CAT. PRICE

199⁹⁵

SPECIFICATIONS

Response $\pm 3\text{dB}$: 30-14,000 Hz (metal), 30-14,000 Hz (CRO₂), 30-12,000 Hz (normal). **Wow and Flutter**: Less than 0.15% WRMS. **S/N**: 64 dB (ref. 3.0% distortion, "A" weighed, metal tape). **Distortion**: 1.3% 3rd HD. **Record/Play Head**: Hard permalloy. **Erase Head**: Ferrite. **Size**: 12.4 x 39.1 x 22.9cm.

WE'VE GOT THE PLAY/RECORD TAPE DECK YOU WANT



Auto-Reverse Stereo Cassette Playback Deck for Continuous Music

139⁹⁵

- Plays Both Sides of Cassette—Automatically
- Selector for Normal and CrO₂/Metal Tapes

Realistic SCP-5. Adds cassette listening to any system with aux or tape jacks. Special Auto-Reverse feature lets you play both sides of a tape for hours of continuous background music. LED tape direction indicator, tape selector switch and output level control. Pushbuttons for program, rewind, fast-forward and eject. Simulated walnut. 21 x 6.1 x 23.3. **14-619** **139.95**

Stereo Record/Play Cassette Deck



**STILL AT
1983
CAT. PRICE**

99⁹⁵

- Auto-Level for Perfect Recordings—Every Time
- Normal/CrO₂ Tape Selector Switch with LED Indicator

Realistic SCT-25. Compact and easy to use. Record your own tapes from radio or phono. Make "live" recordings, too—just add mikes. Pause, tape counter, Auto-Stop, adjustable output level, LED record indicator. Attaches to receiver or amplifier tape jacks. Simulated walnut. 8.9 x 14.9 x 22.9cm. **14-616** **99.95**

Low-Cost Stereo Cassette Playback Deck

69⁹⁵

**STILL AT
1983
CAT. PRICE**

- Adjustable Output Level
- End-of-Tape Auto Stop
- Simply Plug In to Your System's Tape Jacks and Play

Realistic SCP-3. Here's an affordable way to add exciting cassette listening to your system. Features positive push-key controls. Plays all standard cassettes. Auto-Stop prevents damage to tapes. Simulated walnut. 8.9 x 14.9 x 22.9cm. **14-617** **69.95**



Portable Stereo Cassette Deck



Includes Carry Case and Strap

139⁹⁵

**Records
"Live" in Stereo!**

- Two Built-In Condenser Microphones
- Glide-Path® Volume/Balance Controls
- Built-In Speaker for Mono Playback Or Add A Pair of Stereo Headphones

Realistic Miniset® -11. Take it anywhere! Features Auto-Level, pause, tape counter and Cue/Review for easy editing. Normal/CrO₂ tape selector switch. End-of-tape Auto-Stop and LED low-battery/record indicator. 3.7 x 20.7 x 10.9cm. Aux./external stereo mike inputs. Requires four "AA" batteries or AC or DC adapter. **14-1011** **139.95**

Portable Music Players for Youngsters



**STILL AT
1983
CAT. PRICE**

39⁹⁵

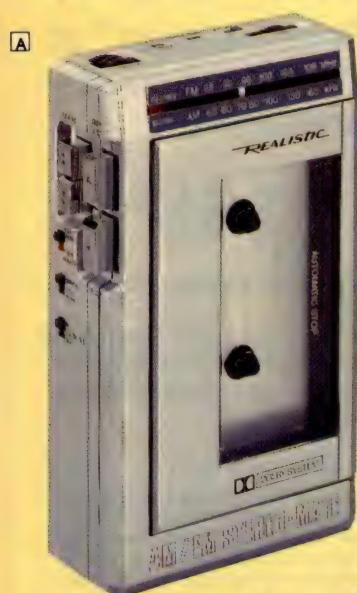
- End-of-Tape Auto-Stop
- Adjustable Carry Straps

Realistic CTP-5. Simple for kids to use. Starts playing when a cassette is inserted, turns off at end of tape. Has fast-forward/eject button, jacks for external speaker/earphone, external power. 14.3 x 22.7 x 5.6cm. Requires four C batteries or AC or DC adapter. **14-845** **39.95**

PERSONAL PORTABLE STEREO CASSETTE PLAYERS

Our Best! With Dolby® B Noise Reduction

Budget-Priced Cassette Players



NEW FOR '84 **129⁹⁵**

- AM/FM Stereo Tuner
- Metal/CrO₂-Normal Switch



NEW FOR '84 **99⁹⁵**

- Metal/CrO₂-Normal Switch
- LED Low-Battery Indicator

A Realistic SCP-10. We've included the AM/FM stereo tuner to create this ultra-portable — no extra radio packs to carry. Features individual channel volume controls and FM mono switch for best reception of weak or distant stations. End-of-tape Auto-Stop and power-off when headphones are un-plugged save battery life. 1/8" headphone jack. 14.7 x 8.6 x 3.5cm. Requires two "AA" batteries or AC or DC adapter. **14-1022** **129.95**

B Realistic SCP-9. Play your Dolbyized tapes while on the go, and get the same high performance you get from your home system. 1/8" headphone jack. 13.2 x 8.6 x 3.2cm. Requires two "AA" batteries or AC or DC adapter. Or use the built-in recharger for optional nickel-cadmium batteries. **14-1021** **99.95**

NEW FOR '84

79⁹⁵

- Metal/CrO₂-Normal Switch
- Full Auto-Stop

C Realistic SCP-8. Enjoy stereo music while travelling, jogging, or working outdoors — so small it goes with you anywhere. You get simple one-hand operation of all tape transport controls, plus volume and balance. Full Auto-Stop, Cue/Review, LED low-battery indicator. 1/8" headphone jack. 13.3 x 8.6 x 2.9cm. Requires three "AA" batteries or AC or DC adapter. **14-1014** **79.95**

D Realistic SCP-7. Enjoy superb headset stereo anywhere, anytime. Simple, single control for play, stop, rewind, fast forward and eject. 1/8" headphone jack. 15.2 x 10.2 x 4.1cm. Requires four "AA" batteries or AC or DC adapter. **14-1019** **59.95**

Micro-Headphones



See Page 24 for our wide selection

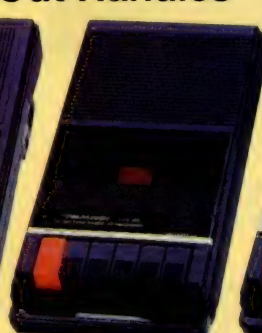
A Realistic CTR-57. Cue/review works with counter to help locate selections. Auto-Stop, Auto-Level, tone control, battery/record LED, jack for external speaker. 7 x 14 x 26cm. AC operation or four "C" batteries (not included) or optional DC adapter. **14-1007** **79.95**

B Realistic CTR-60. Tape counter and cue/review make it easy to find specific selections on your tapes. Features Auto-Stop, Auto-Level, tone control, LED battery condition/record indicator, jacks for remote mike, aux input, external speaker. 5 x 14 x 26.6cm. AC operation, four "C" batteries (not incl.), or optional DC adapter. **14-1010** **69.95**

C Realistic CTR-56. Three-way power! You can save on batteries when you use it at home or in your car. Features jacks for remote control mike, external speaker, plus aux input for recording directly from a radio or phono. Auto-Level sets recording volume for you and Auto-Stop at end of tape helps prevent damage to cassettes. 5 x 14.6 x 26.6. AC operation, four "C" batteries (not incl.) or optional DC adapter. **14-1006** **59.95**

D Realistic CTR-55. A dependable "electronic notetaker" featuring end-of-tape Auto-Stop to save batteries and tapes, plus convenient automatic record-level setting. Has jacks for remote control mike, external speaker, aux input. 5 x 14.6 x 26.6. Requires four "C" batteries or AC or DC adapter. **14-1005** **49.95**

Slim-Style Portables With Built-In Electret Mikes and Slide-Out Handles



STILL AT 1983 CAT. PRICE

A

79⁹⁵

STILL AT 1983 CAT. PRICE

B

69⁹⁵

STILL AT 1983 CAT. PRICE

C

59⁹⁵

STILL AT 1983 CAT. PRICE

D

49⁹⁵

Use Dependable Radio Shack Energell Alkaline Batteries for Best Results

RECORDER WITH VSC* CUTS PLAYBACK TIME IN HALF



Now You Can "Speed-Listen" at Up to Twice the Normal Speed—With Total Comprehension!

**NEW
FOR '84**

169⁹⁵

- Amazing Time-Saver for Businessmen, Students And the Visually Impaired
- "Speed-Listen" to Talking Books and Educational Tapes—Works With Any Spoken-Word Cassette
- In/Out Switch Lets You Return to Normal-Speed Without Resetting Controls

What is VSC?

In the past, speeding up a tape recording produced high-pitched "chipmunk" sounds. Now, with Variable Speech Control*, you can play a cassette at up to twice the regular speed and still understand every word! The "magic" is a special patented circuit that electronically corrects pitch and shortens pauses between words. For example, you can record an hour-long lecture, business meeting or news program and listen to it later in only 30 minutes! And, since VSC works with spoken-word cassettes recorded on any machine, you can "speed-listen" to talking books, educational tapes and much more.

Realistic® VSC-1000. The most versatile cassette recorder we've ever offered! Brings you time-saving VSC at a breakthrough low price. One slide-action control adjusts playback from 80% to two-times normal speed. Another slide control adjusts pitch for easy understanding. A switch takes you from "speed-listening" to normal speed and back without affecting settings. All the "standard" features, too. Pause control for easy editing while you record, cue/review and tape counter to help find selections, end-of-tape Auto-Stop, automatic record-level control. Has a built-in electret mike, LED record/battery indicator, jacks for remote control mike, aux input, stereo/mono headphone with 1/4" plug, and an external speaker. 5.7 x 25.4 x 17.4cm. AC operation, six "C" batteries (not incl.), or optional DC adapter. **14-1002** **169.95**

*VSC and Variable Speech Control are trademarks of Variable Speech Control Co.

Personal-Size Recorder With Cue/Review



89⁹⁵

- Built-In Electret Mike
- Auto-Level • Auto-Stop

Realistic CTR-58. Cue/review and tape counter help you locate selections. Features a pause control for easy editing while you record, LED battery condition/record indicator, jacks for remote control mike, external speaker. 10.8 x 17.1 x 5.1cm. Requires four "AA" batteries or AC or DC adapter. **14-1008** **89.95**

Ultra-Slim Recorder With Variable Tone Control



99⁹⁵

- Cue/Review Locator
- Auto-Stop • Auto-Level

Realistic Miniset®-9. No bigger than a small book, yet has big features. Built-in electret mike, pause control, tape counter, LED record/battery indicator. Jacks for remote control mike, external speaker. 3.3 x 18.3 x 11.6cm. Requires four "AA" batteries or AC or DC adapter. **14-812** **99.95**

Desktop Recorder With Switchable Auto-Level



99⁹⁵

**STILL AT
1983
CAT. PRICE**

- Cue/Review • Auto-Stop
- Pause and Tone Controls

Realistic CTR-51. Select auto-level for voice or manual record level for other high quality recordings. Record-level/battery meter, electret mike, tape counter. Jacks: remote mike, aux input, external speaker. 5.6 x 25.4 x 17.5cm. AC operation, four "C" batteries (not incl.) or optional DC adapter. **14-813** **99.95**

MICRO-CASSETTE DICTATING/TRANSCRIBING SYSTEM



Remote Control Handset With Built-in Speaker and Mike

NEW FOR '84

369⁹⁵

Available Nov. 30, 1983

- Full-Logic Solenoid Controls
- Two Speeds for Up to 2 Hours Total Recording Time
- Full Electronic Cueing
- Adjustable Backspace Control
- Telephone Recording Capability



Transcribers light-weight headset for hours of listening comfort.

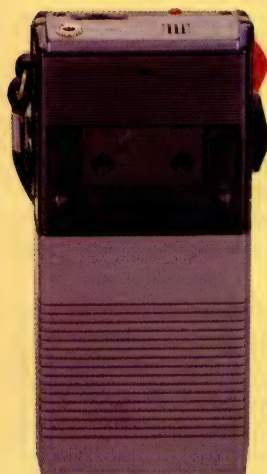
Remote foot switch keeps hands free when transcribing memos and letters

Realistic Micro-1000. Tandy makes the latest in office technology affordable! Dictation recording is easy with 3-digit tape counter, Auto-Level, electronic cueing tone, LED record indicator and end-of-tape warning tone. Condenser mike and dictate/rewind/start-lock/cueing controls are conveniently located in the remote-control handset. Also features adjustable playback speed and backspace to match different typing speeds, plus foot pedal control of play/rewind/stop. Volume tone controls, conference/dictate sensitivity switch, LED function indicators. 5.1x23.5x17.9cm. Includes AC adapter.

14-500369.95

Pocket-Size Cassette Recorders—Great for Home, Office or School

Mini-Cassette Recorder



Built-In Mike and Auto-Level for Perfect Recordings

69⁹⁵

STILL AT 1983 CAT. PRICE

Realistic Miniset. Slide controls allow easy one-hand operation. "Cue" button helps locate passages quickly. LED battery/record indicator, wrist strap, earphone. 14.6 x 6.4 x 2.5cm. Requires two "AA" batteries.

14-101569.95

Versatile Two-Speed Micro-Cassette Recorders

You'll Never Miss Another Important Word

A Realistic Micro-10. Record meetings, lectures or take notes—up to two hours of recording time per tape. Features Cue/Review, built-in condenser mike, Auto-Stop, LED record indicator. With earphone. Built-in recharger for optional nickel-cadmium batteries. 13.3 x 5.7 x 2.5cm. Requires two "AA" batteries or AC adapter.

Feature-Packed for Professionals On-the-Go

B Realistic Micro-11. Fits in the tightest spot in your briefcase. One-touch record with Auto-Level for trouble-free, high-quality recordings. Condenser mike for wide-angle pickup. Cue/Review and tape counter help find selections fast. Pause button for "live" editing. Auto-Stop in Play and Record turns unit off, saves battery life and protects tape. 12.7 x 6.4 x 1.9cm. Requires two "AA" batteries or AC adapter.

14-1017129.95



A

STILL AT 1983 CAT. PRICE

89⁹⁵



B

STILL AT 1983 CAT. PRICE

129⁹⁵

Mini-Cassette Recording Tape

Never Miss a Word! Keep Plenty of Tapes On-Hand

4⁴⁹

Mini-30. For Miniset, other rim-drive recorders. 30 min.

44-6334.49



Micro-Cassette Recording Tape

Up to 120 Minutes Recording Time

4⁹⁹

MC-60. For Micro-1000, 10 & 11, others. Up to 120 minutes at 1.2cm/sec, 60 minutes at 2.4 cm/sec.

44-6404.99



AM/FM STEREO CASSETTE RECORDERS — TO GO



Dolby Noise Reduction System Cuts Tape "Hiss" and Extends Dynamic Range

**Our Best Portable
Features Dolby* NR**

399⁹⁵

- Normal/Chrome/Metal Tape Selector
- Audible Cue/Review Makes it Easy to Locate Desired Section of Tape
- Ten LEDs Indicate Signal Strength, Record Level & Battery Condition

Realistic SCR-6. Loaded with "home hi-fi" features! Records directly from its built-in AM/FM stereo tuner, or "live" with built-in electret condenser mikes. Switchable Auto-Level, with "Auto" position for recording voice and manual control for best dynamic range with music. Full Auto-Stop saves batteries and tapes. Stereo-Wide™ system expands stereo separation. Powerful six-watt amplifier with separate bass and treble controls, loudness switch for enhanced sound at low volume. LED stereo and Dolby indicators. Switchable aux input lets you add a turntable or second tape deck. Jacks for external speakers, mikes and headphones. Sturdy metal brackets will accept optional shoulder strap. 26.7 x 45.7 x 11.1cm. AC operation, eight "D" batteries (not incl.), or optional DC cord.

14-776 399.95

*TM, Dolby Laboratories, Inc.

**Our Portable Sound
Rivals Home Hi-Fi**

369⁹⁵

- Automatic Search Music System
- Powerful 10-Watt Amplifier
- Soft-Touch Cassette Pushbuttons
- 24-LED Audio Level Indicator
- 15.2cm Woofers • Solid-State Tweeters



Realistic SCR-8. Take big 2-way speaker sound along! Auto-Search advances tape to the next selection or replays a selection with the push of a button. Record normal or CrO₂/hi-bias cassettes directly off-the-air or with the built-in mikes. Auto-Level sets recording volume and there's a pause button for editing. Stereo-Wide™ adds life-like depth to the stereo image. Loudness switch increases bass response at low volume. LED search mode/battery condition/record indicators. Aux inputs. Jacks for extra speakers, mikes and headphone. Metal brackets for optional shoulder strap. 26.7 x 44.5 x 12.7cm. AC operation, eight "D" batteries (not incl.), or optional DC cord. **14-778 369.95**

VALUES IN AM/FM STEREO CASSETTE RECORDERS

Low-Priced AM/FM Stereo Cassette "Carry Around" Component System

- Automatic Record level for Perfect Recordings Every Time
- Soft-Touch Buttons
- 5-LED Audio/Record Level Meter

**NEW
FOR '84**

Available October 15, 1983

269⁹⁵

"Spread-Out" Your Music With the Detachable 2-Way Speakers—Each With 12.7cm Woofer, 3.8cm Tweeter



Realistic Modulette®-500. This value-priced, great-sounding 4-watt system is packed with features. Cassette deck has full Auto-Stop, tape counter and pause control to make recording easy. Tuner features FM stereo, tuning and power/battery LEDs. Telescopic antenna, plus jacks for external speakers, headphones and external mikes. Size (including speakers) 21.3 x 55.9 x 15.7cm. AC operation or eight "D" batteries (not incl.) or optional DC adapter. **14-782** **269.95**

Outstanding Sound and Value!

Budget-Priced—Solid Performer



**STILL AT
1983
CAT. PRICE**



Separate Woofers and Solid-State Tweeters for Exciting Sound

179⁹⁵

Realistic SCR-7. This versatile music centre lets you play and record cassettes, AM, FM stereo or make "live" tapes with built-in electret mikes. Auto record-level setting. Variable monitor lets you listen at any volume while taping from radio. Tone control. Tuning, battery, record and FM-stereo LED indicators. Jacks for external mikes, speakers, headphones. 21.9 x 38.4 x 14.6cm. AC operation, six "D" batteries (not incl.), or optional DC adapter. **14-777** **179.95**

NEW LOW PRICE

129⁹⁵

Was 149.95 in 1983 Catalogue

- Five-LED Audio Level Meter
- "Sleep Switch" Turns Off Radio Automatically

Realistic SCR-9. Terrific sound, affordable price! Monitor switch lets you listen while recording directly from AM or FM stereo. Features built-in electret mikes, automatic record-level setting, Auto-Stop, Glide-Path® volume/balance controls, FM stereo LED indicator mono/stereo switch. Jacks for external mikes, headphone. 20.3 x 39.4 x 8.9cm. AC operation, six "D" batteries (not incl.), or optional DC adapter. **14-779** **129.95**

TRIPLE PLAY® PORTABLE AM/FM RADIO CASSETTE RECORDERS

Budget-Priced-Solid Performer

AC/Battery for Home or Away

STILL AT
1983
CAT. PRICE

STILL AT
1983
CAT. PRICE

79⁹⁵



- Auto Record Level
- Tone Control
- Full Auto-Stop

Realistic CTR-61. Make tapes directly from AM/FM or "live" with built-in electret mike. Auto-Stop, Auto Record Level, tone control. Jacks for remote mike, external speaker. 19x27.3x7.6cm. Requires 4 "C" batteries or AC/DC adapter. **14-1001 79.95**



99⁹⁵

- 3-Way Power
- Auto-Level • Auto-Stop

Realistic CTR-59. Use built-in electret mike, or record AM/FM directly off-the-air. Tone control, record indicator. External speaker and remote mike jacks. 21x31.8x8.9cm. AC operation, 4 "C" batteries (not incl.), or optional DC adapter. **14-1009 99.95**

High-Style Ultra-Compact Size

NEW
FOR '84



119⁹⁵

- Variable Monitor—Listen As You Record
- Audible Cue/Review Function

Realistic Miniset® -12. Make "live" or "off-the-air" tapes. Cassette player section has pause, Auto-Level. "Sleep" switch, tone control, 6.3cm dynamic speaker. 13.0 x 23 x 5.3cm. Requires six "AA" batteries or AC or DC adapter. **14-1012 119.95**

AC and DC Adapters Save Batteries

Save money by operating your recorder from house current or 12 volts DC mobile power.

Recorder Cat. No.	Uses AC Adapter	Uses DC Adapter
14-773	*	270-1533
14-776	*	270-1533
14-778	*	270-1833
14-779	*	14-844**
14-782	*	14-844**
14-812	14-9521	14-844**
14-813	*	14-844**
14-845	14-9521	14-844**
14-1001	14-9521	14-844**
14-1002	*	14-844**
14-1005	14-9521	14-844**
14-1006	*	14-844**
14-1007	*	14-844**
14-1008	14-9521	14-844**
14-1009	*	14-844**
14-1010	*	14-844**
14-1011	14-9521	14-844**
14-1012	273-9553	14-844**
14-1014	14-9521	14-844**
14-1015	65-735	270-1560
14-1016	65-735	270-1560
14-1018	65-735	270-1560
14-1019	14-9521	270-1560
14-1021	65-735	270-1560
14-1022	65-735	270-1560

*Not required AC power supply built-in. See page 114 for description of AC and DC adapters.
**Use 14-9844 for long barrel car cigarette lighters.

AUDIO/VIDEO TAPE ORGANISERS AND PROTECTORS

2-Way Cassette Storage Case

24⁹⁵

Tough Vinyl Construction with Snap and Carry Handle

24/48 Tapes.

Holds 24 boxed, 48 unboxed cassettes. 8.9 x 36.8 x 22.2cm. 44-658 24.95



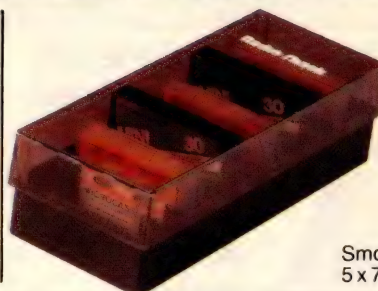
Mini/Micro Cassette Tray

NEW FOR '84

5⁹⁹

Holds 12 Tapes

Smoke tinted cover protects tapes. 5 x 7 x 17.8cm. 44-678 5.99



Car Cassette Carrier

19⁹⁵

Holds Eight Tapes, In Their Cases

Mounts underdash with slip-in bracket and adhesive strip. 44-677 19.95



15-Cassette Storage Tray

9⁹⁵

Fits Shelf/Drawer

Smoke-tinted cover protects tapes, yet lets you see titles. Lifts off for easy access. 7.9 x 31.8 x 11.4cm. 44-665 9.95



Cassette O-Matic*

4⁶⁹

*TM A.D. Communications
U.S. Patent No. 4,239,109

Holds five cassettes securely. Interlock more modules to expand. 11.4 x 10.1 x 7.9cm.

44-674 4.69



Supertape® Video Cassettes

19⁹⁵

NEW FOR '84

24⁹⁵



Special Magnetic Particle Binder System Gives You Extra-Long Life at All Speeds

VHS SUPERTAPE Video Cassettes. Finest quality for performance that you'll continue to enjoy even after multiple recordings and hundreds of playbacks. Our exclusive formulation and binder system combined with perfectly aligned and optimally sized magnetic particles give you increased chroma output for brilliant, true-to-life colours. Precision housing is engineered to minimise dust pickup and reduce friction. Compatible with all brands of VHS video cassette recorders.

VHS E-120. Up to four hours recording time. 44-9501 Each 19.95

VHS E-180. Up to six hours recording time. 44-9502 Each 24.95

Video Tape Mailers

4⁹⁹

Labels Included

Strong construction. Ideal for postage. Locking, dust-free storage. **VHS.** 44-1192 4.99
Beta. 44-1193 4.99



Sturdy, 2-Drawer Video Tape Cabinet

44⁹⁵

Holds Up to 20 Beta or VHS Tapes

Wood cabinet with two compartmented drawers will support up to 70 pounds. No-mar feet. Simulated woodgrain finish. 13.3 x 44.5 x 40.6cm. 44-1196 44.95

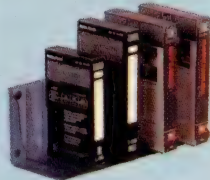


Video Tape Rack

8⁹⁵

Stores Ten Cassettes

Durable smoked acrylic construction, for wall or shelf. Accepts Beta or VHS. No-mar rubber feet. 44-1194 8.95



Universal VCR Cover

9⁹⁵

See-Thru Front

VCR Not Included

Keeps out damaging dust. Antistatic vinyl. Fits most VCRs. 17.8 x 50.8 x 40.6cm. 44-1181 9.95



Unique Video Tape Indexing System

6⁹⁵

Create a quick reference to your video tape library. Ring-binder index "book" with master "title" index cards and 50 removable information cards for individual tapes. 44-1176 6.95

Convenient Organizer Stores Just Like a Video Cassette



VCR Cleaning Kit

Keeps Your VCR Operating at Peak Performance

Helps remove deposits from heads, rollers and capstan. Includes four reusable chamois-tip head cleaning tools, brush, mirror probe, soft cotton glove, 14ml Freon TF cleaner, instructions. 44-1172 14.95

*TM. E.I. du Pont de Nemours & Co., Inc.

14⁹⁵



Remote Pause Control

4⁴⁹

Edit out unwanted commercials with the push of a button. For most VCRs and audio recorders. 3.6 metre cable. 44-1179 4.49



Video Cassette Labels

STILL AT 1983 CAT. PRICE

2⁹⁹

For easy tape re-labeling.

VHS. 44-1177 Pkg. 10/2.99

Beta. 44-1178 Pkg. 10/2.99



Tapes Not Included with Cases on This Page

REALISTIC® CASSETTES FOR SUPER SOUND AND VALUE

SUPERTAPE® METAL—State of the Art Recording Tape!



NEW LOW PRICE

LOW AS
11⁹⁵ C-60

Was \$12.95 in
1983 Catalogue

Coercivity (Hc): 1100 Oersteds (Nom.).

Retentivity (Br): 3200 Gauss (Avg.). Dynamic Range: 68 dB.

Our finest! Coated with fine-grain metal particles—not oxide—SUPERTAPE METAL has magnetic properties that give you greater output at both high and low frequencies, and unbelievably low noise levels. This increased dynamic range lets you record solid bass and soaring, sparkling highs. You'll enjoy music reproduction that is virtually indistinguishable from open-reel! For recording on metal-capable recorders only. Plays on all cassette equipment. Precision 5-screw housing. With hinged storage box.

C-60. 44-960 11.95 C-90. 44-961 15.95

SUPERTAPE CHROME—Improved Dynamic Range



Low
As **6⁹⁵** C-60

Hi-bias Chromium Dioxide formula captures loudest and softest passages, reduces noise. Greater high-frequency headroom preserves musical "detail." Records on equipment with CrO₂ bias switch. Plays on all cassette equipment. Head-cleaning leader. Hinged storage box.

Coercivity (Hc): 550 Oersteds (Nom.).

Retentivity (Br): 1800 Gauss (Avg.). Dynamic Range: 64.1 dB.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-60	60 minutes	44-930	6.95	5.85	5.45	4.95
C-90	90 minutes	44-931	8.95	7.55	6.95	6.45

SUPERTAPE GOLD—Premium Ferric

Low
As **2⁹⁹**
C-45

STILL AT
1983
CAT. PRICE



For optimum performance at normal bias. Audiophile quality at a popular price. Precision housing cuts wow and flutter. Built-in non-abrasive head-cleaning leader. With hinged storage box.

Coercivity (Hc): 335 Oersteds (Nom.).

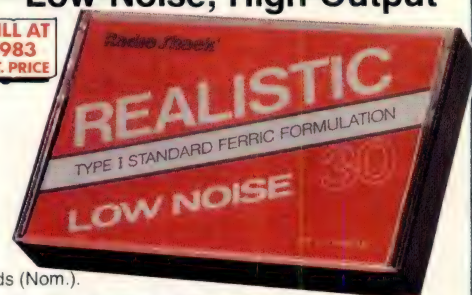
Retentivity (Br): 1500 Gauss (Avg.). Dynamic Range: 60.4 dB.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-45	45 minutes	44-920	2.99	2.69	2.29	1.89
C-60	60 minutes	44-921	3.69	3.29	2.99	2.59
C-90	90 minutes	44-922	4.29	3.79	3.29	2.99
C-120	120 minutes	44-923	4.99	4.49	3.99	3.29

REALISTIC®—Low-Noise, High-Output

Low
As **1⁹⁹** C-30

STILL AT
1983
CAT. PRICE



Made with Realistic's exclusive High-Flux Density oxide formula for high output, wide frequency response, low noise and distortion—at low cost! Precision housing reduces wow/flutter. With hinged storage case.

Coercivity (Hc): 320 Oersteds (Nom.).

Retentivity (Br): 1125 Gauss (Avg.). Dynamic Range: 54.5 dB.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-Up
C-30	30 minutes	44-601	1.99	1.89	1.79	1.69
C-60	60 minutes	44-602	2.39	2.19	1.99	1.79
C-90	90 minutes	44-603	2.99	2.69	2.39	2.09
C-120	120 minutes	44-604	3.39	3.09	2.79	2.49

Mini-Cassettes

15 Minutes
Each Side



Mini-30. For rim-drive recorders such as Realistic Minisette.

4⁴⁹

Total Record Time	Cat. No.	Each	
		1-9	10-Up
30 minutes	44-633	4.49	3.79



Up to 60
Minutes
Per Side
4⁹⁹

Micro-Cassettes

Micro-60. For capstan-drive recorders such as our Micro-10, Micro-11.

Total Recording Time		Cat. No.	Each	
2.4cm/sec.	1.2 cm/sec.		1-9	10-Up
60 min.	120 min.	44-640	4.99	4.29

concertape®—Quality Sound at Affordable Prices



The smart choice for general purpose recording. Use shorter tapes for "voice letters." Longer cassettes are ideal for note-taking, language study, or recording and playing at home or in car and portable players. Heavy-duty Polyester base resists age, humidity, breaks and stretching.

Cassette 3-Packs

Singles

Low
As **4²⁹** Pkg.
C-30 of 3



Low
As **1⁷⁹** C-60

Type	Recording Time Each	Cat. No.	3-Pack	
			1-11	12-Up
C-30	30 minutes	44-606	4.29	3.79
C-60	60 minutes	44-607	4.99	4.39
C-90	60 minutes	44-613	6.99	6.19
C-120	120 minutes	44-614	8.99	7.99

Type	Recording Time	Cat. No.	Each
C-60	60 minutes	44-605	1.79
C-90	90 minutes	44-620	2.69

Retail Prices in this Catalogue are Subject to Change Without Notice

REALISTIC® OPEN-REEL AND 8-TRACK BLANK TAPE

Tandy RTR — "Reel to Reel" Cassettes



**NEW
FOR '84**

Low
As

5⁹⁵

RTR — not only the greatest looking cassette on the market, but a performance never before experienced in a cassette. Precision engineered aluminium reels smooth out tape wind/re-wind, equalise tension, stabilise travel and cut speed irregularities.

Type	Total Recording Time	Cat. No.	Each			
			1-11	12-23	24-47	48-up
RTR-60	60 minutes	44-9260	5.95	5.35	4.85	4.45
RTR-90	90 minutes	44-9560	8.95	8.15	7.35	6.65

SUPERTAPE® Premium Open-Reel



Low
As

8⁹⁹ 12.7cm Reel

**Super-Calendered
For a Mirror-Like
Surface**

Get superb sound, without special bias settings. Superior sensitivity and wide frequency response. High tensile strength.

Coercivity (Hc): 300 Oersteds (Nominal). **Retentivity (Br):** 1220 Gauss (Avg.). **Dynamic Range:** 63.0 dB.

Reel Size	Metres	Mil	Cat. No.	Each	
				1-9	10-499
12.7cm	274	1.0	44-1872	8.99	7.19
17.8cm	548	1.0	44-1877	14.99	11.99
17.8cm	1097	0.5	44-1880	24.99	19.99

Low-Cost 8-Track Tape

Low
As **5⁶⁹**

80
Min.

Record your own cartridges for a low-cost music library. Friction-reducing lubricant extends tape life for trouble-free recording and playback. Polyester base resists breaks, stretching, and the effects of age and humidity. A terrific value! **44-841** **5.69**

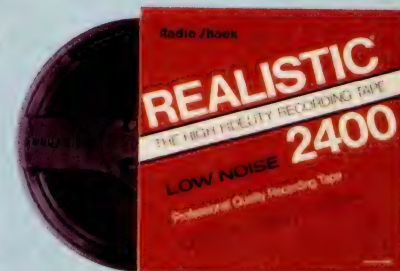
Each			
1-11	12-24	25-49	50-Up
5.69	4.99	4.39	4.89

REALISTIC Low-Cost, Low-Noise Tape

Low
As **6⁹⁹** 12.7cm Reel

Wide Frequency Response

High-quality open-reel tape with uniform oxide coating for excellent frequency response and signal-to-noise ratio. Polyester base resists temperature and humidity, prevents stretching.

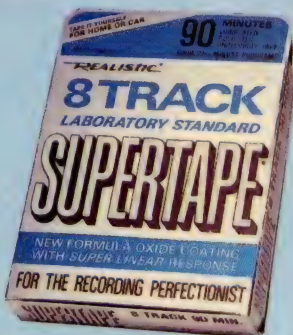


Reel Size	Metres	Mil	Cat. No.	Each			
				1-5	6-9	10-49	50-499
12.7cm	274	1.0	44-753	6.99	6.29	5.79	5.39
17.8cm	548	1.0	44-754	11.99	10.79	9.79	8.99
17.8cm	731	0.5	44-758	13.99	12.59	11.29	10.59
17.8cm	1097	0.5	44-766	16.99	15.39	13.89	12.99

SUPERTAPE Lab Standard 8-Track

Low
As **7⁹⁹** 90
Min.

High-output, low-noise formulation reduces "hiss". Back-coated with special lubricant to prevent "jams" for increased tape life. Tough polyester base resists stretching, breaking. **44-843**



Each			
1-11	12-24	25-49	50-Up
7.99	7.09	6.39	5.79

Open-Reel Recorder Accessories

17.8cm Metal Reel



9⁹⁹

Professional Quality

Improves the appearance and performance of any reel recorder! Won't crack, split or warp. With storage box.

44-280 **9.99**

Tape Reels with Boxes



Low
As **2²⁹**

Reel	Cat. No.	Each
17.8cm	44-279	2.69
12.7cm	44-278	2.29

Leader Tape



Ideal for
Editing

3⁹⁹ Pkg.
of 2

Colour-coded leader. Two 45m reels. 63mm x 1.5-mil.
44-1053 Pkg. 2/3.99

All-Purpose Budget-Priced concertape

Only

5⁹⁹

Heavy-duty 1-mil polyester base resists breaking and stretching, while giving you extrawide response. 548 metres on a 17.8cm reel for extra recording time at low cost. Ideal for off-the-air tapings. Includes storage box. **44-1018** **5.99**



**Ideal for Voice and
General-Purpose
Recording**

HIGH-PERFORMANCE TAPE RECORDING ACCESSORIES

Tape Head Demagnetizer

- Demagnetizes in Seconds
- For Cassettes and Open Reel Heads

11⁹⁵



Demagnetizes cassette or reel-to-reel heads in seconds. Keeps your recorder in peak condition. 44-950611.95

Magnetic Bulk Tape Eraser

26⁹⁵

STILL AT 1983 CAT. PRICE

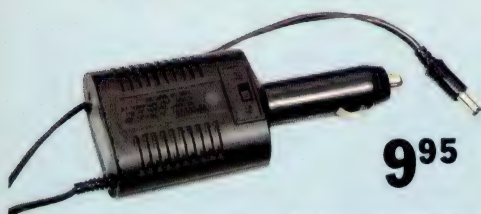
- Erases 8-Track, Cassette, Open-Reel Tapes and Computer Disks

The fastest and best way to erase tapes! Not only erases, but reduces noise levels below recorder's own erase head level. For open-reel, cassette, 8-track tapes and computer floppy discs. Hi-impact moulded housing. On-off switch conveniently located on side of handle. Not for metal tapes. AC operation. 44-920126.95



Car/Boat DC Adapter

9⁹⁵



Saves batteries! Powers most 6V and 9V portable radios and recorders from your car or boat's cigarette lighter. LED indicator. Fused. 12VDC neg. gnd. 14-8449.95
Long Nose Unit. 14-984411.95

Realistic Cassette Tape Eraser

11⁹⁵



STILL AT 1983 CAT. PRICE

Simply pass the cassette through the eraser twice, (once for each side), and completely erase all the tape. The eraser also works to reduce hissing and actually improves tone quality. 44-901011.95

Electronic Cassette Demagnetizer

STILL AT 1983 CAT. PRICE

29⁹⁵



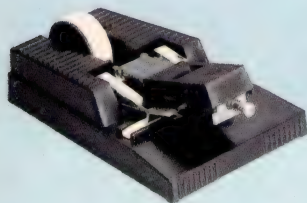
Inside View

- Demagnetizes in One Second
- Cordless—Requires No AC

The fast, automatic way to preserve crystal-clear highs and cut hiss. Loads like an ordinary cassette. LED "on" indicator, long-life battery. 44-116529.95

Deluxe Cassette Tape Splicer

11⁹⁵

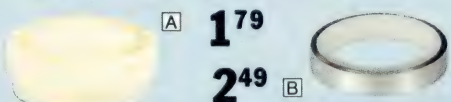


Makes tape editing and repairs easy. Chromed cut/trim lever cuts diagonally and trims excess tape. Includes roll of splicing tape. 44-21411.95

Splicing and Sensing Tape

A 1⁷⁹

2⁴⁹ B



A Splicing Tape. Polyester base resists age, heat, humidity. 250cm roll.

Width	Cat. No.	Each
11mm	44-1125	1.79
9.5mm	44-1126	1.79
3mm	44-1128	1.79

B Sensing Tape. For recorders with contact or phono sensing systems. 11mm x 250cm.

44-11552.49

Cassette Demagnetizer and Head Cleaner

STILL AT 1983 CAT. PRICE

5⁹⁵



Helps Prevent Jamming, Reduces Hiss And Noise

Insert for 60 seconds after every eight to ten hours of operation to prevent loss of "highs" and keep tape path clean. For all players, recorders. Ideal for personal portables, autos. Cordless. 44-6315.95

Splicers for Easy Tape Editing

3⁹⁵



Universal Dual-Track Splicer. For cassette, 8-track and open-reel tapes. Includes razor blade, instructions. 44-2163.95

On/Off Foot Switch

- Ideal for Typists Using Dictating Machines

4⁹⁹



Remote control switch for hands-free on/off capability. Ideal for typist working from dictation. Sub-mini plug fits into remote control jack of recorder. 44-6104.99

Phone Pickup Coil

2⁹⁹

Easy To Use



For high-quality recordings of phone calls. Suction cup fastens on phone. With cord. 1/8" mini-plug. 44-5332.99

WE'RE YOUR TAPE CARE/CLEANING HEADQUARTERS

Car Cassette Cleaning Kit

Was \$10.95 in
1983 Catalogue

NEW LOW PRICE

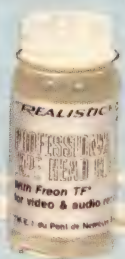
9⁹⁵



Non-abrasive pads gently clean the heads, capstan and pinch roller. Includes tweeters, extra pads, lubricant and cleaning fluid. Convenient pouch set. Not for use with auto reverse players. 44-95009.95

Professional-Quality Head Cleaning Kit

4⁴⁹



For audio and video! Includes 6-dram bottle of special Freon TF* Solvent and six reusable lintless foam swabs. 44-11704.49

*TM E.I. du Pont de Nemours & Co., Inc.

Deluxe Cassette Tape Repair Kit

Fix Broken Tapes

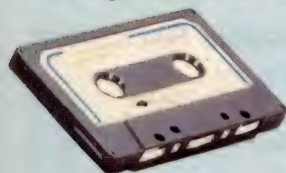
9⁹⁵



Includes a detailed 32!page manual, housing, splice block, razor blade, mylar splice tabs, screws, adhesive labels. 44-6299.95

Two-Way Cassette Cleaning Kit

3⁹⁹



Includes Fluid

Restores fidelity, extends tape life by removing oxide deposits from heads, capstan.

44-11623.99

Cassette Head Cleaner

2¹⁹



Restores Clarity

Low-cost, non abrasive cleaner helps prevent dirt build-up, extends the life of your tapes.

44-11602.19

Cassette Tape Fixer

4⁹⁹



Straightens and helps you rewind, clean and repair tangled cassette tapes. Semi-automatic.

44-6344.99

Cassette Boxes

1⁹⁹

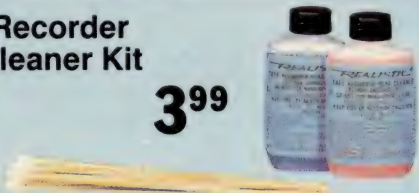
3 Pack



Protect your tapes- Hinged see-through door for easy identification. 44-611Pkg. 3/1.99

Recorder Cleaner Kit

3⁹⁹



37ml bottles of cleaner and lubricant. Ten long-reach swabs. 44-2173.99

Cassette Housing

1⁹⁹

Simple To Use



Replace your damaged or worn-out housing. 61cm leader tape, instructions. 44-626 ...1.99

Cleaning Cloths

2⁹⁹

Pkg. of 4



Chemically treated to gently clean tapes, equipment, dust covers.

44-1088Pkg. 4/2.99

Tape Head Cleaner Spray and Solvents

Low As **2²⁹**

Head Cleaner Solution. Cleans all metal parts. 59ml.

44-10102.29

Cleaner Spray. Cuts grime. Extension nozzle. 85g. 44-10113.49

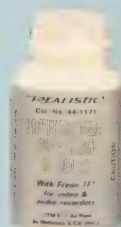


"Pro" Tape Head Solvent

2⁹⁹

Freon TF* dissolves dirt, oxide. For audio or video use. 44-11712.99

*TM E.I. du Pont de Nemours & Co.Inc.



Cassette Index Labels

1⁹⁹

Pkg. of 24



Self adhesive. Six each of red, blue, yellow and green.

44-621Pkg. 24/1.99

Plastic Cassette Mailers

2²⁹

3-Pack



Mail cassette "letters". Durable plastic box. With mailing labels.

44-608Pkg. 3/2.29

Tape Head Cleaning Sticks

2⁴⁹

Pkg. of 100



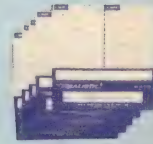
Cotton-tipped 15cm wood sticks for hard-to-reach places.

44-1093Pkg. 100/2.49

Cassette Index Cards

1⁹⁹

Pkg. of 20



Replace old cards — room to list newly recorded selections. Fit all standard tape boxes.

44-623Pkg. 20/1.99

See Our Complete Line of Tape Decks, Portable Tape Recorders and Personal Portables

DEPENDABLE MIKES FOR STAGE, STUDIO AND HOME



Versatile Stereo Microphones Simplify Recording—Two Elements in One Housing for Easy Positioning

49⁹⁵

Deluxe Dual-Pattern Electret Condenser

Two sensitive electret elements and a special matrix circuit let you select "normal" pattern or "wide" mode to enhance stereo image with larger groups. 30 to 15,000 Hz response. 600 ohms. Wire mesh screen cuts wind noise. On/off switch. 20cm long. 3m cord with two 1/4" phone plugs. Includes vinyl case, stand adapter. Requires "AA" battery.

33-919 **49.95**

**NEW
FOR '84**

39⁹⁵

Ultra-Compact Stereo Microphone

Dual back-electret elements provide excellent response to transients—the fast-rising peaks that give sound its "live" quality. Cardioid pickup pattern. 50 to 18,000 Hz. 600 ohms. Adjustable desk stand also has standard 5/8"-27 threads. On/off switch, foam windscreens. 13cm long. 2.4m cord with two 1/8" plugs. Requires "AA" battery.

33-1066 **39.95**

**STILL AT
1983
CAT. PRICE**

24⁹⁵

Dual Heads—Ideal for Portable Recorders

Each electret condenser head adjusts up to 90° for optimum stereo separation—ideal when recording large musical groups or conferences. 50 to 15,000 Hz response. 600 ohms. Built-in stand. 14.2cm long. 2m cord, two 1/8" plugs. Two foam windscreens. Requires "AA" battery.

33-1065 **24.95**

Professional-Quality Mikes for Recording and Sound Reinforcement



A

Unidirectional Dynamic

59⁹⁵

A Realistic Highball. Great for PA and hand-held vocal use. 80 to 15,000 Hz response. On/off switch. Selectable high/low impedance—works with all types of equipment. Low-impedance (XLR) capability 16.5cm long. 4.8m cable with 1/4" plug, deluxe vinyl case, stand adapter.

33-984 **59.95**

**STILL AT
1983
CAT. PRICE**

B

Cardioid Dynamic With "Pop" Filter

34⁹⁵

B Special wire-mesh grille cuts wind noise—perfect for vocal/outdoor use. Die-cast body. On/off switch. 50 to 15,000 Hz. XLR capability. 17.8cm long. 3.6m cable. 1/4" plug, stand adapter.

33-1071 **34.95**

C NEW LOW PRICE

Super-Cardioid Dynamic

29⁹⁵

C Excellent for PA or recording. Tight directional pattern minimizes feedback. Built-in windscreen. 80 to 12,000 Hz. 600 ohms. On/off switch. 17.8cm long. 1.8m cable with 1/4" plug, stand adapter.

33-992B **29.95**

**STILL AT
1983
CAT. PRICE**

D

Low-Cost Omnidirectional Dynamic

24⁹⁵

D Realistic Highball-2. Wire-mesh windscreen with internal filter reduces "pops". Chromed body. on/off switch. 50 to 13,000 Hz. 600 ohms. 21.8cm long. 1.8m cable with 1/4" plug, stand adapter.

33-985C **24.95**

**Heavy-Duty
Metal Cases**

Pattern Choice



Cardioid



Omni

Cardioid or Unidirectional. Pickup pattern helps reduce background noise and feedback.

Omnidirectional. Wide pickup pattern, equal response from all directions.

2-Way Use!



#33-984 and 33-1071 are adaptable to "pro"-type XLR balanced output. See page 96 for XLR connectors.

Acoustic Foam Windscreens



Fits most microphones. Stops wind and breath "pop" 33-373 **1.99**

VALUES IN SPECIAL-PURPOSE & REPLACEMENT MIKES

Dual-Pattern Electret Mike For Use With Video Cameras

Available
October 15, 1983



Includes
Foam Windscreen

**NEW
FOR '84**

59⁹⁵

With Carrying Case,
Long and Short Cords,
Camera Mounting "Boot"

The perfect mike for video recordists! Has a super-directional "telescopic" pickup pattern and a "close-up" pattern, switch selectable. 80 to 12,000 Hz. 600 ohms. 45.7cm camera cable and 5.5m extension with 1/4" plug. 28cm by 2.2cm diameter. Requires "AA" battery. **33-1062.....59.95**

Ultra-Slim Electret Omni

21⁹⁵

Less than 85g, yet delivers superb sound. 20 to 13,000 Hz. 600 ohms. On/off switch. 15cm long. 2.7m cable, 1/4" plug. With battery. **33-105021.95**



Adjustable Stand

For Hand, Table or Lavalier

19⁹⁵

Realistic MC-1000. Slim omnidirectional dynamic mike with 150 to 10,000 Hz response. Impedance, 10,000 ohms. 13cm long. 1.8m cable. 1/4" plug. **33-99019.95**



Includes Neck
Cord and Desk Stand

Amazing PZM® Mike—A Performance Breakthrough!

**NEW
FOR '84**

49⁹⁵

- Eliminates "Echo" Effects Caused by Reflected Sound
- Dramatically Increases Clarity and Range

Available
October 30, 1983



Revolutionary Design Cancels
Effects of Sound Reflections



Realistic PZM Microphone. An important step forward in microphone performance—brought to you at a great low price by Tandy. Unlike conventional mikes, the PZM reacts to sound in much the same way as the human ear, so placement problems are minimized. Just put the mike where you hear the best sound and you'll capture it! Provides superior coverage in large rooms or on stages. 20 to 18,000 Hz response. 600 ohms. Element is mounted on a metal plate, 14 x 12.4cm. 5.5m cord with 1/4" plug. Power supply box near plug has on/standby/off switch. Requires "AA" battery. **33-109049.95**

PZM is a Trademark of Crown International

Electret Tie-Clip Microphones — "Hands-Free" Convenience!

24⁹⁵



NEW LOW PRICE

12⁹⁵

Was \$14.95 in
1983 Catalogue

[A] Omnidirectional. 30 to 12,000 Hz. 600 ohms. Metal case, only 2.2cm long. Includes 3m cord, 1/4" plug, 1/8" mini plug adapter, long-life mercury battery. With clip and tie pin. **33-105624.95**

[B] Fastens to tie or lapel. 30 to 12,000 Hz, 600 ohms. Metal case, 1.2cm long. Includes clip, 1.8m cord with 1/8" mini-plug and long-life mercury battery. **33-105812.95**

Pocket-Sized Binaural Amplified Listener



Perfect for Use
With Miniature
Stereo Headphones

24⁹⁵

**NEW
FOR '84**

Amplifies the sounds around you for easier listening. Two directional mikes and dual-channel (binaural) design provides natural sense of direction. Separate volume controls for each channel. High-boost switch compensates for ear's lack of sensitivity at high frequencies. 9.5 x 6.3 x 1.9cm. Requires stereo headphones with 1/8" plug or adapter and two "AA" batteries. **33-109124.95**

Replacement Mikes With Remote Control for Portable Tape Recorders

Electret Condenser Omnidirectional



14⁹⁵

Has 1/8" mini-plug for audio, submini plug for remote on/off. 20 to 13,000 Hz. 2m cord. With stand, windscreen, battery. **33-106014.95**

Dynamic Omnidirectional



14⁹⁵

Mini-plug for audio, submini for remote on/off. 100 to 11,000 Hz response. Low impedance. Includes 2m cord, slip-on desk stand. **33-104014.95**

"Pencil" Dynamic



8⁹⁹

150 to 10,000 Hz response. Mini-plug for mike, submini plug for remote control jack on recorders. Desk stand, 1.8m cord. **33-10348.99**

Low-Cost Dynamic



4⁹⁹

Dynamic sound quality at the price of a crystal mike. Mini-plug for mike, submini plug for remote control. 1m cord. Slip-on stand. **33-10544.99**

FM WIRELESS AND BATTERY POWERED INTERCOMS



3-Station, 2-Channel System with "Call-Tone" Signal

119⁹⁵
Set of 3

Adjustable Squelch for Noise-Free Operation

Top value! Talk with either station without disturbing the other. Lock position provides hands-free talking or continuous monitoring. Call-Tone button, channel selector and volume control. For desk use or wall mounting. 4.5 x 8.9 x 17.5cm.

43-217 Set of 3/119.95

Deluxe 2-Station With Lighted Talk-Bar



84⁹⁵

Pair

A real step-saver system. And easy to use — just press Talk-Bar to speak, or Lock Bar for hands-free talking or continuous monitoring. Lighted Talk-Bar doubles as nightlight. Each station has volume control, Call-Tone button and adjustable squelch. Ideal for desktop. 4.5 x 17.2 x 12cm. 43-212 84.95

Wireless FM Monitor System Doubles As a Convenient One-Way "Intercom"

44⁹⁵
Set

Keep an "Ear" on a Child's Room While You are Cooking, Cleaning or Just Relaxing

A low-cost monitoring system that lets you "babysit" from another room. And you can use it as an intercom for one-way messages — ideal for shut-ins. FM system minimizes interference — receiver remains silent until transmitter picks up sound. Receiver has on/off switch. Receiver has on/off volume control. No wiring needed — just plug in. 4.8 x 7.7 x 3.8cm.

43-208 Set 44.95



Exciting Value in a 2-Station System



69⁹⁵

Pair

Compact—Ideal for Desk Use or Wall Mounting

Reliable communication at a bargain price! Easy-to-install — just plug in to AC outlets. Call-Tone alerts other station. Lock position for hands-free talking or continuous monitoring. Volume controls. LED "on" indicator. 4.7 x 14.9 x 10.2cm. 43-207 Pair 69.95

Save Time and Steps with the Push of a Button

Battery-Powered Wired Intercoms



32⁹⁵
Set of 4

A "whole house" system. Selector knob on master chooses remote #1, #2, #3 or standby — no other station can listen in. Press Talk-Bar on any remote to signal master. Master 4.5 x 10.4 x 12.4cm. Remotes, 4.5 x 7.6 x 10.4cm. With three 20.1m cables. Requires 9 V battery or AC adapter.

43-216 32.95

18⁹⁵

Pair

- With 20.1m Cable
- For Desktop or Wall Mounting



Ideal for home, as well as campers, motorhomes and boats. Remote can signal Master even when system is "off" 4.5 x 7.8 x 10.4cm.

43-221 18.95

FOUR REALISTIC® WAYS TO EXPAND AUDIO SYSTEMS

Stereo Mike/Tape/Phono Mixer

119⁹⁵

Headphone
Monitoring of
Turntable and
Tape Inputs



A neat way to add some life to your next party! Mix or "segue" two turntables, a tape deck and stereo mike just like professional DJs. Five Glide-Path® controls and dual VU meters give you precise level settings. Magnetic and ceramic phono inputs, "Cue" function for monitoring, tape in and out, 1/4" stereo headphone cue/monitor jack, 1/4" mike jacks, battery-test button. Response: 20-20,000 Hz. Output level: 0.7 volt. 7 x 26.6 x 19cm. Requires four "AA" batteries or AC adapter. **32-1100 119.95**
AC Adapter. 14-9521 9.95

Studio-Quality Stereo Mixing Console

189⁹⁵

- Lighted Meters
- Three Mike "Pan" Pots
- Seven Glide-Path Faders
- Built-in Cue/Monitoring System



Use this professional audio console to tape from multiple sources, control audio at live performances, or blend turntables, tape decks, mikes for DJ programs. Handles three mikes, two magnetic or ceramic turntables and two tape decks. three "pan" pots adjust each mike's apparent position in the stereo image. Cross fader, master fader, separate jacks for tape recording and main output, 1/4" headphone jack with adjustable cue/monitor level, two "cue" pushbuttons, mono/stereo switch. Response: 10-30,000 Hz. 7x27x21.6cm. AC operation. **32-1200 189.95**

Low-Cost Stereo Microphone/Line Mixer

36⁹⁵

Mixes Up to
Four Mikes and
Line Inputs
Simultaneously



Ideal for adding extra inputs to a tape recorder or PA system. Four Glide-Path controls, stereo/mono switch, LED battery-test indicator, mike level output. 7x22x12.7cm. Requires 9V battery. **32-1105 36.95**

Amazing Electronic Reverb Unit

NEW LOW PRICE

Was \$64.95 in
1983 Catalogue

59⁹⁵

Adjustable Delay (5-95ms),
Depth, Mike Level & Repeat
Glide-Path Controls



Add echo and reverb to "live" vocals, recordings, or musical instruments. Works with tape decks, PA or guitar amps. Jacks for line in/ out and 1/4" mike in/out. 6.4x16.8x12cm. Requires six "AA" batteries or AC Adapter. **32-1110 59.95**
AC Adapter. 273-9553 12.95

FM Wireless Microphones for Lectures, Stage and Public Speaking

Miniature Tie-Clip Mike

24⁹⁵ **NEW FOR '84**

- Transmits to Any Standard FM Radio
- Tunable 88-108 MHz

Not D.O.C. Approved

High-quality mike transmits up to 76.2m outdoors. Has built-in tie clip for added convenience. 4.4x1.9x1.6cm. Includes tuning tool, battery and instructions.

33-1076 24.95



Two-Piece Wireless FM Microphone System

99⁹⁵

- 49 MHz With Crystal Control
- Matching Receiver Connects To PA Amplifier, Recorder, Or Hi-Fi System
- Up to 30m Range

D.O.C. Approved

Ideal for lecturers, teachers, and public speakers! Compact transmitter with sensitive electret tie-clip mike is no larger than a pack of cigarettes. Has volume control and on/off switch. Specially designed receiver features dual conversion and a ceramic filter to help prevent interference. Has LED "On Air" and power indicators. Adjustable controls for squelch and output level. Receiver: 5.7x17.1x14.6cm. AC operation. Transmitter: 5.9x9.5x2.2cm. Requires two "AA" batteries. **32-1220 99.95**



REALISTIC® PA AMPLIFIERS ARE SOUND INVESTMENTS

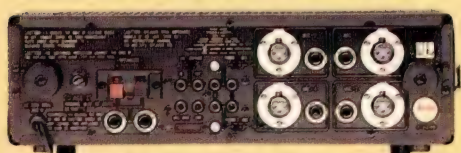


Professional 80-Watt Sound Reinforcement Amp

369⁹⁵

- Power Meter Monitors Output Level
- In/Out Jacks for Equalizer, and Reverb
- Cue/Monitor Selector for Headphones
- Mix Bus Jack to Stack Extra Amps
- Spring-Loaded Speaker Terminals
- Convenient Cord Storage Posts

**1/4" Mike Jacks and XLR-Type
Connectors for "Pro" Mikes**



Realistic MPA-80. The performance and portability you want in a PA amplifier! Plenty of power to fill large auditoriums—great for live bands. Four hi/lo impedance mike inputs, each with aux input and Glide-Path® level controls. Two magnetic phono inputs let you mix and fade two turntables. Monitor selector makes cueing easy—listen through headphones to each individual input or overall mix. Master volume with memory ring, lighted power meter, LED clipping indicator. Overload protected.

32-2026 369.95

Frequency Response: 30-20,000 Hz. **Power:** 80 watts rms at 4 ohms. **Outputs:** mix bus, EQ in/out, quick-connect terminals, two 1/4" jacks for 4 to 16-ohm speakers, 1/4" headphone jack. **Power Requirement:** 240VAC, 50 Hz, 200W. **Size:** 11 x 37 x 26.7cm

Compact 35-Watt PA Amplifier Features Remote Priority Override



199⁹⁵

- Perfect for Medium-Size Auditoriums, Churches, Paging and Background Music
- 70-Volt Output for Multi-Speaker Systems

Realistic MPA-35. Superb sound at low cost! Ideal for many PA applications. Three mixable Glide-Path controls for Mike-1, Mike-2 and phono/aux. Built-in preamp for magnetic-cartridge phono. Remote control terminals for Mike-1 override of other inputs during paging. Master volume control with memory ring, tone control, LED power-on indicator. Metal case. **32-2027 199.95**

Frequency Response: 150-12,000 Hz. **Power:** 35 watts rms at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers, 70V line, two screw terminals for remote priority switching. **Power Requirements:** 240VAC, 50 Hz, 120W. **Size:** 11 x 26.7 x 19cm.

20-Watt PA Amplifier Operates From 240VAC or 12VDC for Mobile Use



149⁹⁵

- Accepts Either Hi or Low-Z Mikes
- High-Level Phono/Aux Inputs

Realistic MPA-20A. Incredibly versatile—you can use it anywhere! Three mixing controls—two mikes and dual-function phono/aux. Master volume and tone controls, LED power indicator. Metal case. Includes mobile mounting bracket, 12VDC power cord with cigarette lighter plug. **32-2020 149.95**

Frequency Response: 150-12,000 Hz. **Power:** 20 watts rms at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers, 70V line. **Power Requirements:** 240VAC, 50 Hz, 40W, 12VDC neg. gnd. 3.5A. **Size:** 11.5 x 26.5 x 19cm.

INDOOR AND OUTDOOR PA SYSTEMS AT BIG SAVINGS

"Singer's Choice"



**Save
\$220³⁵**

Reg. Separate
Items 1849.35

1629⁰⁰

- MPA-80 Professional PA Amplifier
- Four Cast-Base Microphone Stands
- Four Highball Dynamic Microphones
- Four PA-99 Portable Column Speakers

80-Watt, 2-Mike "Club System"



**Save
\$130⁶⁵**

Reg. Separate
Items 1109.65

979⁰⁰

- MPA-80 Professional PA Amplifier
- Two Cast-Base Microphone Stands
- Two Highball Dynamic Microphones
- Two PA-99 Portable Column Speakers

"Toastmaster's" Special



**Save
\$93⁷⁵**

Reg. Separate
Items 722.75

629⁰⁰

- MPA-80 Professional PA Amplifier
- Folding Microphone Stand
- Highball Dynamic Microphone
- Two PA-800 Portable Column Speakers

Performer's Portable System



**Save
\$63⁷⁵**

Reg. Separate
Items 552.75

489⁰⁰

- MPA-35A Compact PA Amplifier
- Folding Microphone Stand
- Highball Dynamic Microphone
- Two PA-800 Portable Column Speakers

Office Paging/Piped Music System



Save \$64⁴⁴

Reg. Separate
Items 563.44

499⁰⁰

- MPA 35A Amp • Desk Stand
- TM 102 AM/FM Mini Tuner
- Six 10-Watt, 70-Volt Transformers
- Cardioid Mike
- Six 20.3cm Wall Baffle Speakers

Meeting Hall System



Save \$64³⁹

Reg. Separate
Items 533.39

469⁰⁰

- MPA-35A Amp • Two Floor Stands
- Six 10-Watt, 70-Volt Transformers
- Two Cardioid Microphones
- Six 20.3cm Wall Baffle Speakers

Sports Announcer System



**Save
\$40⁷⁰**

Reg. Separate
Items 389.70

349⁰⁰

- MPA-35A PA Amp
- Super Cardioid Microphone
- Four Powerhorn® 20.3cm Speakers

Low-Cost Paging



**Save
\$33⁶⁵**

Reg. Separate
Items 292.65

259⁰⁰

- MPA-20 PA Amplifier
- Cast-Base Desk Mike Stand
- Highball-2 Microphone
- Four 20.3cm Speakers

"On-the-Go" PA



**Save
\$25⁸⁰**

Reg. Separate
Items 224.80

199⁰⁰

- MPA-20 PA Amplifier
- Highball-2 Microphone
- Two 12.5cm Powerhorn Speakers

SHOP TANDY FOR SOUND BUYS IN P.A. EQUIPMENT

High-Power Portable PA Sound Columns



Use for Voice or Music in Schools, Clubs, Stage Shows, Sound Reinforcement On the Road

Two Heavy-Duty 254mm Woofers, Solid-State Piezo Horn Tweeter

279⁹⁵ Each

Two Heavy-Duty 200mm Woofers, Solid-State Piezo Tweeter

129⁹⁵ Each

NEW FOR '84



A Realistic PA-99. Efficient, integrated speaker system features the latest advances in audio technology for high-definition sound and music reinforcement. Wide 90-20,000 Hz response. System sensitivity: 94 dB (SPL at 1 M/1 W). Rugged vinyl enclosure with strong carrying handle and protective metal corners. Power handling capacity: 160 watts. Has 1/4" jack, two spring terminals. 8 ohms. 76.2x33x24.8cm. **40-1410** **279.95**

B Realistic PA-800. Designed for "natural" sound reinforcement! Controlled 130° sound dispersion maximizes coverage pattern, minimizes feedback for easy mike placement. Smooth 140-18,000 Hz response. System sensitivity: 96 dB (SPL at 1 M/1 W). Black vinyl enclosure with carrying handle, protective metal corners. Power handling capacity: 75 watts. Has 1/4" jack, two spring terminals for easy hookup. 8 ohms. 76.2x25.4x17.5cm. **40-7003** **129.95**

Multi-Purpose Weatherized Powerhorn® Speakers

STILL AT 1983 CAT. PRICE

200mm Horn

39⁹⁵



A Waterproof, dustproof, shockproof. Mounting bracket. 15 watts. 8 ohms. **40-1239** **39.95**

B All-metal, rust, shock and weather resistant. Mounting bracket. 8 watts. 8 ohms. **40-1236** **24.95**



127mm Horn

24⁹⁵

C

16⁹⁵

100mm Horn



C Ideal for CB and PA extensions. Use indoors or out. With mounting bracket. 8 ohms. **40-1244** **16.95**

Die-Cast Metal Wall-Mount Speaker

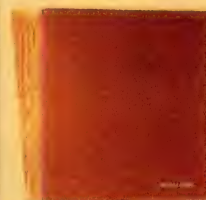
89⁹⁵ Each



- 40 Watt Power Capacity
- Long-Excursion 100mm Woofer
- Soft-Dome 25mm Tweeter
- Acoustic Suspension Design

Realistic Minimus®-22. Ideal sound reinforcement/distribution systems where full high-fidelity reproduction is important. Perfect for doctor's or dentist's office, professional suites and conference rooms. 8 ohms. Hanger slots, spring terminal connectors. 26.4x12.5x7cm. **40-2038** **89.95**

200mm Wall Speaker/Baffle

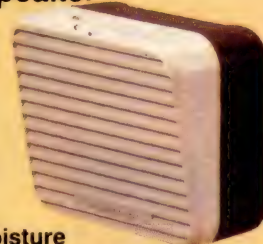


For PA Or Music

26⁹⁵

Mounts easily on the wall of any room. Has handy built-in volume control. 8 ohms. Walnut vinyl. 27.3x27.3x12cm. **40-219** **26.95**

Indoor/Outdoor Speaker



Moisture Proof Housing

14⁹⁵

Keyhole slots and hardware for easy wall mounting. 8 ohms. 100mm driver. 12x14x7.6cm. **40-1227** **14.95**

70V Line Transformer



6⁹⁹

For Multi-Speaker Systems

Taps: 10/5/2.5/1.25/0.62 watts. For 4/8/16 ohms. **32-1031** **6.99**

"XLR" Audio Adapter

STILL AT 1983 CAT. PRICE



12⁹⁵

A3F to 1/4" plug. Adapts low-Z balanced to high-Z unbalanced. **274-016** **12.95**

"XLR" Audio Extension

STILL AT 1983 CAT. PRICE



9⁹⁹

For equipment requiring low-Z balanced input. For extended cable runs use with 274-016. **274-017** **9.99**

IMPROVE YOUR PA SYSTEM — QUALITY ACCESSORIES

Hand-Held PA Megaphone



49⁹⁵

- Trigger-Grip On/Off Switch
- Handy Thumbwheel Volume Control

Powerhorn®. A completely mobile PA system that's ideal for sporting events, picnics, rallies. Makes your voice intelligible up to 100 metres away. Requires eight "AA" batteries. 32-2029 **49.95**

Portable PA System Plays Popular Tunes

NEW FOR '84

49⁹⁵

- 94 Pre-Set Tunes and Space For You to Program 5 More!
- Plays Up to 80 Notes Per Song

Musical Powerhorn®. Play everything from college fight songs to classic and pop tunes—even Christmas carols! Projects your voice up to 100 m at sporting events, picnics and rallies. Easy pushbutton operation. Includes song list, removable shoulder strap, power-on indicator, on/off switch. Requires eight "AA" batteries. 32-2030 **49.95**



Low-Cost One-Watt System



NEW FOR '84

26⁹⁵

- The Ideal Take-Along
- Compact and Lightweight

Available October 15, 1983

Realistic Amplified Speaker System. Portable sound wherever you need it! Tone and volume controls, 1/8" mike, aux jacks. 17x12.7x10cm. Requires four "C" batteries or AC adapter. 32-2031 ... **26.95**

AC Adapter
14-9521 **9.95**

Portable 12-Watt PA System

NEW LOW PRICE

149⁹⁵

Was \$154.95 in 1983 Catalogue

- P.A. System Complete with Mike
- Powerful 165mm Woofer, 32mm Tweeter
- Microphone and Line Inputs

Realistic MPS-20. Big sound, yet easy-to-carry! Amplifies instruments like guitar, synthesizer with virtually no distortion—even at higher volumes. Aux jack accepts high level sources or tape deck; mixes with mike input. Volume, tone controls. Rugged design, metal corner protectors, carry handle. 29.2 x 22.9 x 16.8cm. AC operation or 12VDC with optional cord. 32-2028 **149.95**
12VDC Cord. 270-1533 **5.99**



Slip-In Mike Stand Adapter



2⁹⁹

Design holds most mikes. For use with std. 5/8"-27 thread. 33-371 **2.99**

Clamp-On Adapter



4⁹⁹

Holds regular mike or clamps to stand for side mounting. Std. 5/8"-27 threads. 33-372 **4.99**

5/8" Screw Flange

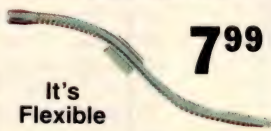


STILL AT 1983 CAT. PRICE
3⁹⁹

Die-Cast Construction

Attach mike to desk or lectern. Standard 5/8"-27 thread. 33-332 **3.99**

13" Gooseneck



7⁹⁹

It's Flexible

Position mike in any direction. Standard 5/8"-27 thread. 33-330 **7.99**

78.7cm Mike Boom Adapter

19⁹⁵

Chromed Tube, Built-In Counterweight
Independent length/angle adjustments. Std. 5/8"-27 threads. 33-344A ... **19.95**

STILL AT 1983 CAT. PRICE

Desk Mike Stand

Padded Feet

NEW LOW PRICE

9⁹⁵

Was \$11.95 in '83 Cat.

Cast base with 10.2cm chromed tube. Standard 5/8"-27 thread. 33-370 **9.95**

Portable Folding and Cast-Base Mike Stands

NEW LOW PRICE

29⁹⁵

Was \$36.95 in 1983 Catalogue

NEW LOW PRICE

32⁹⁵

Was \$39.95 in 1983 Catalogue

Easy-to-Adjust "Sure-Grip" Clutch

Five Chromed Legs Provide a Stable Base

Legs Fold For Storage



A Adjusts quickly from 86cm to 162cm. Low-profile black cast-iron base has protective rubber feet. Standard 5/8"-27 thread. 33-320 **29.95**

B Ideal for portable PA or recording mikes. Positive-action clutch adjusts instantly from 81cm to 144cm. Has protective rubber feet. Standard 5/8"-27 thread. 33-325 **32.95**

HIGH-POWER IN-DASH AM/FM STEREO CASSETTES

Our Best! With Dolby® B Noise Reduction and Computerized Memory Tuning



**NEW
FOR '84**

329⁹⁵

- 24 Watts Total Output Power
- Auto-Reverse Plays Both Sides of Cassettes
- LED Display for Station Frequency and Time
- Pushbuttons for Six AM and Six FM Stations

Realistic's finest-ever autosound player has it all! You get digital synthesized circuitry for totally accurate tuning and drift-free reception. A computerised memory gives you instant, soft-touch selection of six AM and six FM stations. You also can scan the AM or FM band and stop at each station. The LED display reads station frequency and changes to accurate quartz time after a station is locked in. Features easy-to-set time and station memory with LED indicator, automatic mono/stereo switching for superior FM,

*Trademark of Dolby Laboratories, Inc.

loudness pushbutton for better sound at low volume levels, separate bass and treble controls and a PLL IC for wide FM stereo separation (30 dB). Cassette player has a metal/standard tape selector, Auto-Eject at end of tape and when ignition is shut off, automatic replay after rewind, locking fast-forward and rewind, LED indicators for Dolby NR and tape "on". And there's a switched power lead for our power antenna or other accessory. Step up to the finest in autosound for "home hi-fi" realism!

12-1903 329.95

**NEW LOW
PRICE**

Was \$289.95 in
1983 Catalogue

279⁹⁵

LED Display and Auto-Search

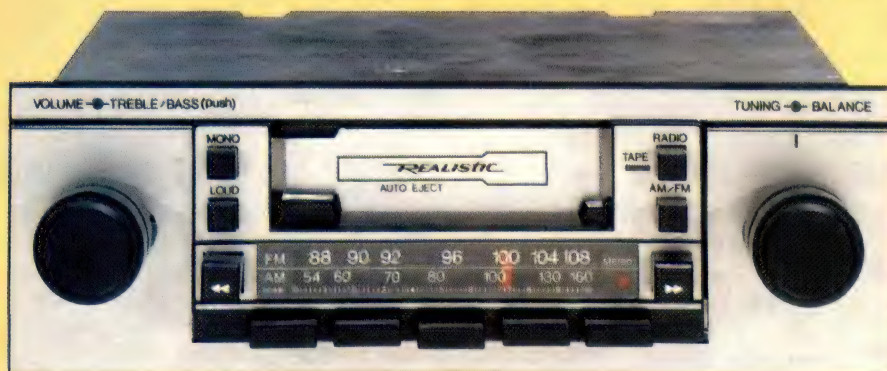
- 24 Watts Total Output Power
- Auto-Search Music System Makes it Easy to Find Individual Selections on Cassettes

LED frequency display also shows accurate time when you listen to tapes, dims for night driving. Has Dynamic Signal Enhancer and mono/stereo button for great FM, locking fast-forward/rewind, Auto-Stop, separate bass and treble, loudness button, front/rear fader, recessed time-set buttons.

12-1899 279.95



High-Power Pushbutton With Auto-Eject



NEW LOW PRICE

269⁹⁵

Was \$279.95 in
1983 Catalogue

- 30 Watts Total Output • Separate Bass and Treble Controls
- Locking Fast Forward and Rewind • Standard-Size Chassis

A top-performer with wide dynamic range and "home-quality" sound! Impressive styling, too. Pushbuttons preset your five favourite stations, FM or AM. Stereo/mono button for best FM reception. Loudness button boosts bass for great sound even at low volume. Lighted dial, LED tape mode indicator. 12-1894 269.95

AM/FM STEREO TAPE PLAYERS — FOUR GREAT VALUES

In-Dash Cassette With Auto-Reverse



NEW LOW
PRICE

189⁹⁵

- 8 Watts Total Output Power • DIN-Size
 - Separate Locking Fast-Forward and Rewind
- Was 199.95
in '83 Catalogue

Uninterrupted music! Automatically reverses at end of cassette and plays other side. FM stereo indicator, lighted radio dial, rotary volume, tone and balance controls, manual eject. Stereo/mono switch provides best FM reception. **12-1898 189.95**

In-Dash With Pushbutton Radio



179⁹⁵

- Compact DIN Size • Auto-Stop
- Locking Fast-Forward/Eject Button

Pushbutton convenience at way below the cost of factory installed! You get instant selection of any five stations. End-of-tape Auto-Stop in play and fast-forward modes helps prevent tape damage. Stereo/mono button improves reception of weak or distant FM stations. Has lighted dial, LEDs for FM stereo and tape modes. 8 watts total output. **12-1896 179.95**

Low-Cost In-Dash AM/FM Stereo Cassette



129⁹⁵

**STILL AT
1983
CAT. PRICE**

- DIN-Size
- Auto-Stop at End of Tape
- Stereo/Mono Switch for Best FM

Superb sound and in-dash security—now even more affordable! Player starts when a cassette is inserted, stops automatically at end of tape. Pushbutton for locking fast-forward/eject, lighted dial, tape and FM stereo indicators. Rotary volume, tone, balance and tuning controls. 8 watts total output. **12-1880 129.95**

Compact Under-Dash AM/FM Stereo Cassette



149⁹⁵

**STILL AT
1983
CAT. PRICE**

- End-of-Tape Auto-Stop
- Space-Saving "DIN" Size — Only 10.2cm Deep

Features stereo/mono switch for best FM reception. Convenient locking fast forward/manual eject pushbutton. End-of-tape Auto-Stop with LED indicator. 8 watts total output. 45x160x114mm. **12-1893 149.95**

HANDY INSTALLATION INFORMATION FOR REALISTIC® IN-DASH AUTOSOUND EQUIPMENT

Cat No.	Chassis Type	Body Size (HxWxD)	Nosepiece Size (HxWxD)	Shaft Spacing (Adjustable)
12-1880	DIN	44 x 180 x 116mm	43 x 116 x 30mm	130 to 160mm
12-1894	DIN	50 x 180 x 150mm	49 x 105 x 35mm	130 to 160mm
12-1896	DIN	44 x 180 x 125mm	43 x 116 x 30mm	130 to 160mm
12-1898	DIN	44 x 160 x 120mm	42 x 106 x 36mm	130 to 148mm
12-1899	Mini	44 x 160 x 125mm	42 x 105 x 35mm	130 to 160mm
12-1903	DIN	44 x 180 x 150mm	42 x 109 x 38mm	130 to 158mm

[DIN] size fits in dash of most European and many larger Japanese cars, many domestic mid-size cars. [MINI] fits smallest Japanese cars, most domestic compacts and subcompacts. [*] Fits standard and import-size cars. GENERAL INFORMATION: All players include ample speaker cable, mounting hardware, illustrated instructions, trim plates and nosepieces. For 12VDC negative ground only. CAUTION: Do NOT use high-power players with common ground (3-wire) speaker wiring or switches. NOTE: 160mm shaft spacing is standard for most domestic trucks.

UNDERDASH STEREO CASSETTES AND RADIOS

With Auto-Search and Auto-Reverse



STILL AT
1983
CAT. PRICE

99⁹⁵

- Auto-Search Music System Makes it Easy to Find Tape Selections
- Convenient Auto-Reverse Plays Both Sides of Your Cassettes Automatically

What a value! This compact player gives you the two handiest cassette features at an incredible low price. Auto-Search lets you advance a tape to the start of the next selection or replay a selection with the touch of a button. Separate locking fast-forward and rewind plus slide-action volume, tone and balance controls make it easy to operate while you drive. Also has LED indicators for tape direction and Auto-Search "on", manual stop/eject button. 3.9 x 13.9 x 15.2cm. 8 watts total output. **12-1980 99.95**

With Dolby* B NR and Auto-Reverse



* TM Dolby Licensing Corp.

NEW
FOR '84

149⁹⁵

Available Oct. 30, 1983

- 24 Watts Total Output Power
- Auto-Search Music System Helps You Find Cassette Selections Quickly
- Standard/Metal Tape Selector

Our best underdash cassette gives you three times the power of most players—and that's just the beginning! Dolby Noise Reduction system dramatically reduces tape hiss and Auto-Reverse plays both sides of cassettes automatically. The Auto-Search, locking fast-forward and rewind, and direction-change buttons help you find selections in seconds, not minutes. Also features separate slide-action bass and treble controls, 1/8" jack for stereo headphone, LED indicators for tape direction and Dolby. 5.1 x 14.9 x 16.5cm.

12-1982 149.95

"Super-Mini" Cassette Fits Anywhere



79⁹⁵

STILL AT
1983
CAT. PRICE

Perfect for Sports Cars, Subcompacts And Imports

Fine sound that's easy to mount under dash, in glove compartment or center console. Features end-of-tape Auto-Stop with LED indicator, convenient locking fast-forward and slide-action volume, balance and tone controls. Only 4.4 x 13.3 x 13.4cm. 8 watt total output.

12-1803 79.95

Our Lowest Priced Car Stereo Cassette

STILL AT
1983
CAT. PRICE

59⁹⁵



Compact in size and price, yet has all the basic features and surprisingly good sound! Auto-Stop in play mode, locking fast-forward, pushbutton eject, plus slide-action volume, tone and balance controls. Easy to install—only 4.2 x 14.0 x 13.3cm. 8 watts total output. **12-1807 59.95**

Easy-to-Install Radios, Two Excellent Values



- Lighted Dial
- Built-In Speaker

69⁹⁵

AM/FM Radio. Din size for in/under dash. Local/DX and Hi/Lo tone switches, jack for ext. speaker. Great for truckers — works on 12VDC positive or negative ground. 4.7 x 16.9 x 12.3cm.

12-1353 69.95

STILL AT
1983
CAT. PRICE



39⁹⁵

- 10.1cm Speaker
- Hi/Lo Tone Switch

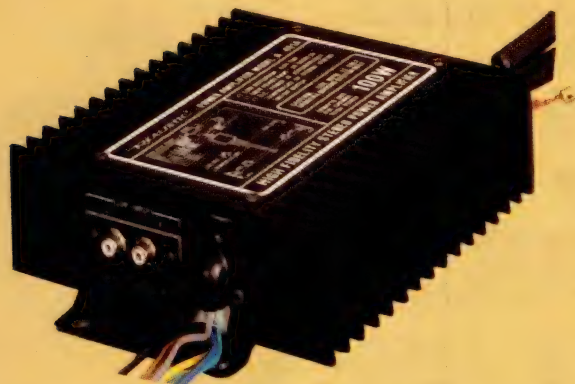
AM Radio. Fits in dash of many cars and under dash of almost all vehicles! Great sound at one-third the cost of factory-installed. Lighted dial. 12VDC negative ground only. 4.4 x 14.0 x 16.2cm.

12-1352 39.95

NOTE: All Realistic tape players include mounting hardware, wiring harness with in-line fuse and holder, speaker cable and complete illustrated instructions. All for 12VDC negative ground only.

PERFORMANCE-BOOSTERS FOR SUPER AUTOSOUND

100-Watt Stereo Amplifier for Sensational Sound



159⁹⁵

- 50 Watts Per Channel
- Mounts in Trunk Or Under Dash



Includes 5.4m heavy-duty input and output extension cables with all connectors and fuse holders at no extra cost!

Boost the power of your tape player or stereo radio with this compact amplifier. Features selectable high/low level input and works with any autosound system, even separate components! Automatic power "ON" switching, built-in noise filter, fully protected against overload. Only 1% THD at 80 watts. 60x167x224mm. Includes all mounting hardware (see inset). 12-1866159.95

STILL AT
1983
CAT. PRICE

40-Watt Stereo Frequency Equalizer/Boosters



**Five Bands,
Fader Control**

89⁹⁵

Thin Line—Fits
Under Any Dash

Makes your present system sound far better — adds dynamic range. Thin-line design fits under nearly any dash. Five-Level LED power meter. Centre frequencies are 60, 250, 1000, 2500, 10,000 Hz. Front and rear fader control. Only 1% total harmonic distortion at 30 watts. 30x149x121mm. 12-186589.95



**Five Bands,
Bargain Price**

69⁹⁵

STILL AT
1983
CAT. PRICE

Perfect for systems using only two speakers! Power plus the versatility to boost or cut response up to 12 dB at 60, 250, 1000, 3500, and 10,000 Hz. Only 1% THD at 30 watts. 51x133x152mm. 12-1863 69.95

"Super Small" FM Converter



Easy Plug-In
Connections —
Uses Existing
AM Antenna

36⁹⁵

Get in on the music you've been missing — add FM to your AM car radio! No rewiring necessary. Underdash installation. 60x102x133mm. 12-135036.95



**Seven Bands,
Fader Control**

99⁹⁵

10-Level LED Power
Meter on Each Channel

Our best! Dramatically improves range and tone — fills even a motorhome with great sound. Frequencies are 60, 150, 400, 1000, 2400, 6000, and 15000. Front/rear fader. Only 1% total harmonic distortion at 30 watts. 51x140x152mm. 12-186299.95

**40-Watt Power
Booster**

39⁹⁵

STILL AT
1983
CAT. PRICE



Improve your dynamic range and sound so you can hear your music over road and engine noise. Great addition to your car's stereo system. Only 1% THD at 30 watts. 32x102x156mm. 12-186039.95

FM Signal Booster

STILL AT
1983
CAT. PRICE



29⁹⁵

Ideal for Weak Signal Areas

FM Booster. Six dB amplification brings more station in clearly on your FM radio. Dual-polarity 12VDC pos. or neg. gnd. Easy installation. 25x89x60mm. 12-187329.95

NOTE: Boosters rated at total watts rms output, both channels. Boosters and tape players for 12VDC neg. gnd. only, except where pos. gnd. noted. All include mtg. hardware.
CAUTION: Do not use 12-1865, 12-1862, 12-1863, 12-1860 with "common ground" (3 wire) speaker hook-ups.

MATCHED STEREO SPEAKER PAIRS TO FIT MOST CARS

3-Way 13.3cm Flush Mount Speaker System



99⁹⁵ Pair

80 Watts Power Handling Capacity

The deluxe hi-fi speaker system really makes high-power autosound equipment come alive! Boasts individually mounted 13.3cm woofer, 6.4cm midrange and 5cm tweeter, with electronic crossover. Fits standard 15 x 23cm cut-out 7 x 24.8 x 17cm. **12-1854** Pair **99.95**

Our Finest 3-Way 15 x 23cm Flush Mounts

139⁹⁵ Pair

- 7.6cm Midrange
- 4.4cm Tweeter
- 15 x 23cm Polypropylene Woofer Resists Moisture
- 120 Watts Power Handling Capacity



Superb flush-mounts deliver full-range sound to 18,000 Hz. 20-oz. magnets for fantastic bass response. Mesh grilles. No retainer rings required. **12-1857** Pair **139.95**

2-Way 14cm Surface Mounts

89⁹⁵ Pair

60 Watts Power Handling Capacity

These superb speakers feature individually mounted 14cm woofer, 5cm tweeter, open-mesh grilles, electronic crossover network. 7.5 x 24 x 16cm moulded housings. **12-1853** Pair **89.95**



3-Way 14cm Flush Mounts

89⁹⁵ Pair

60 Watts Power Handling Capacity

High-powered hi-fi sound! Big 14cm air-suspension woofer and 567g magnet. 2.5cm voice coil, 5cm midrange, 2.5cm horn tweeter, electronic crossover. No retainer rings required. **12-1856** Pair **89.95**



Snap-On Metal Grilles

13.3cm Surface Mounts

39⁹⁵ Pair

STILL AT 1983 CAT. PRICE

Quality speakers with cloth-rolled dual cone and powerful 227g magnet. Acoustic suspension for deep bass. Durable molded housings 19.7 x 19cm. **12-1849** Pair **39.95**



40 Watts Power Handling Capacity

Space-Saving 13.3cm Flush Mounts

40 Watts Power Handling Capacity

STILL AT 1983 CAT. PRICE

39⁹⁵ Pair

Only 3.8cm deep — mount easily in door panels or anywhere space is shallow. Metal grilles. No retainer rings required. **12-1855** Pair **39.95**



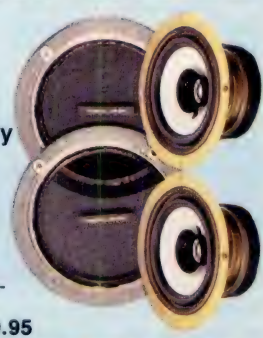
Moisture Shields Included

Compact 10.2cm Flush Mounts

39⁹⁵ Pair

40 Watts Power Handling Capacity

Ideal size for imports and compacts. Dual-cone design, with 184g magnets. No retainer rings required. **12-1858** .. Pair **39.95**



Budget 13.3cm Surface Mounts

26⁹⁵ Pair

20 Watts Power Handling Capacity

Wide-response dual-cone speakers, with 4 1/4-oz. magnets, mounted in durable molded housings. Easy to install or remove to re-mount in your next car. 19.7 x 19cm. **12-1844** Pair **26.95**



13.3cm Flush Mount Speakers

20 Watts Power Handling Capacity

26⁹⁵ Pair

Buy 'em for miles of listening pleasure! Wide-response dual-cone speakers with 120g. magnets. With retainer rings for quick mounting without removing door panels. Metal grilles. **12-1843** Pair **26.95**



7.6cm 3" Surface Mount Speakers

16⁹⁵ Pair

20 Watts Power Handling Capacity

STILL AT 1983 CAT. PRICE

An economical way to add fine sound to any car! Small size fits most subcompacts. Wide-range speakers in durable moulded housings. Heavy-duty ceramic magnets. **12-1852** Pair **16.95**



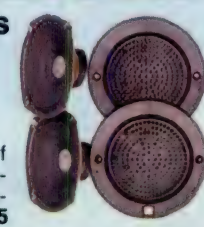
Space-Saving 12.7cm Flush Mounts

STILL AT 1983 CAT. PRICE

20 Watts Power Handling Capacity

16⁹⁵ Pair

Enjoy fine car stereo, even when there's a minimum of mounting space. Wide-range speakers include retainer rings for quick mounting without removing panels. Moulded vinyl grilles. **12-1851** Pair **16.95**



VALUES IN AUTOSOUND SPEAKERS & ACCESSORIES

Famous Minimus® 2-Way Speaker

79⁹⁵ Each

**STILL AT
1983
CAT. PRICE**



21⁹⁵ Pair

Add big sound to car, van or RV. Heavy-magnet 100mm woofer and wide-dispersion 25mm tweeter for response to 20,000 Hz. Die-cast metal enclosure. 40 watts. 18 x 11 x 11cm.

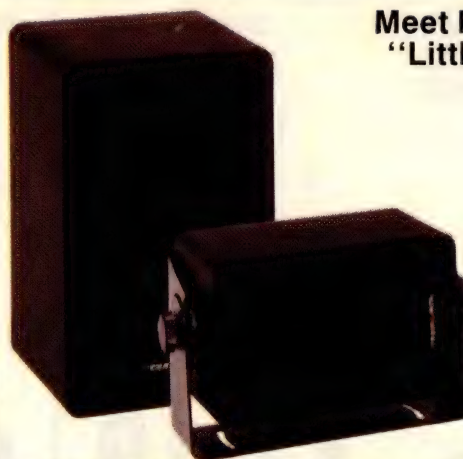
Black. 40-2030 79.95
Silver. 40-2034 79.95
Mounting Brackets. 40-2031 Pair 21.95

Meet Minimus-7's "Little Brother"

NEW LOW PRICE

29⁹⁵ Each

Was \$34.95 in 1983 Catalogue



Mounting Brackets

14⁹⁵ Pair

Realistic Minimus-3.5. Ideal for stereo in small cars. Features 76mm full-range speaker, high-density moulded enclosure with perforated metal grille. 14 x 9 x 8.5cm. **40-1996 29.95**
Mounting Brackets Fits the Minimus-3.5 speaker only. **40-1997 Pair/14.95**

2-Way Budget System

21% Off
Reg. Sep. Items 27.90 **21⁹⁵** Set

- 50mm Piezo Tweeter
- 100mm Woofer



Custom design a speaker system for your car. Great 55-25,000 Hz response! No crossover required, easy parallel hookup. Handles 10 watts. **40-1022/1383 21.95**

Powerful 2-Way System

Save \$9⁹⁵
33⁹⁵ Set Reg. Sep. Items 43.90

- 95mm Piezo Tweeter
- 165mm Woofer

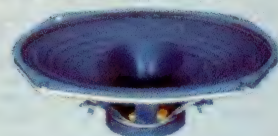


A superbly matched speaker system with great 50-20,000 Hz response! No crossover required, easy parallel hookup. Handles 50 watts. **40-1382/1009 33.95**

127 x 178mm Speaker

**STILL AT
1983
CAT. PRICE**

11⁹⁵ Each

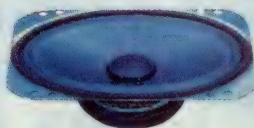


85g ceramic magnet with 10 watts power handling capacity. 4/8/16 ohms. **40-1261 11.95**

100 x 150mm Speaker

**STILL AT
1983
CAT. PRICE**

9⁹⁵ Each



Wide-range sound. Handles up to 10 watts. 150g ceramic magnet 8 ohms. **40-1298 9.95**

130mm Speaker

Low As

9⁹⁵ Each

Ideal for car doors or back panels.

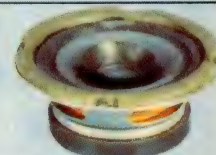


Cat. No.	Mag.	Watts	Each
40-1354	283g	40	19.95
40-1241	150g	8	9.95

127mm Speaker

Low As

8⁹⁵ Each



Cat. No.	Mag.	Watts	Each
40-1284	278g	20	16.95
40-1909	150g	10	11.95
40-1240	79g	5	8.95

100mm Full-Range Speaker

**NEW
FOR '84**

8⁹⁵ Each



Ideal for limited space mounting. Handles up to 2 watts. 15 gram magnet. **40-1203 8.95**

89mm Speaker

**NEW
FOR '84**

11⁹⁵



141g Magnet. NEW! Dual-cone. 20 watts. 40-1325 11.95

Moulded Grilles

A

B

C

Fig.	Description	Cat.No.	Each
A	10.20 x 12.7cm	40-1291	3.29
B	15.2 x 22.9cm	40-1337	4.95
C	13.3 x 15.2cm	40-1290	6.95

Wire-Mesh Grilles

**NEW
FOR '84** **5²⁹**



13.3 or 15.2cm. High-temperature moulded "silver" frame. Dust cover, mtg. hardware. **40-1336 5.29**



Stereo Faders

Low As **7⁹⁹**

High-Power. Provides front-to-rear balance adjustment. 40 watts. **270-048 11.95**
Standard. 5W. 270-047 7.99



Selector/Fader

9⁹⁹

Select stereo tape or radio. Control front-to-rear balance to suit your taste. **270-046 9.99**



Selector Switch

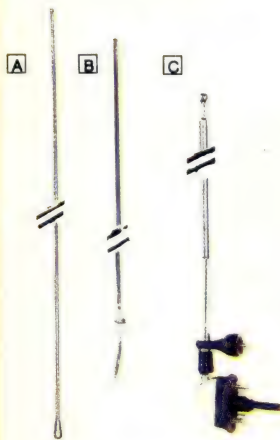
4⁹⁹

Switch from tape to radio using the same pair of speakers. Includes hardware and instructions. **270-045 4.99**

All Speakers & Accessories on This Page, if Applicable are 8 Ohms

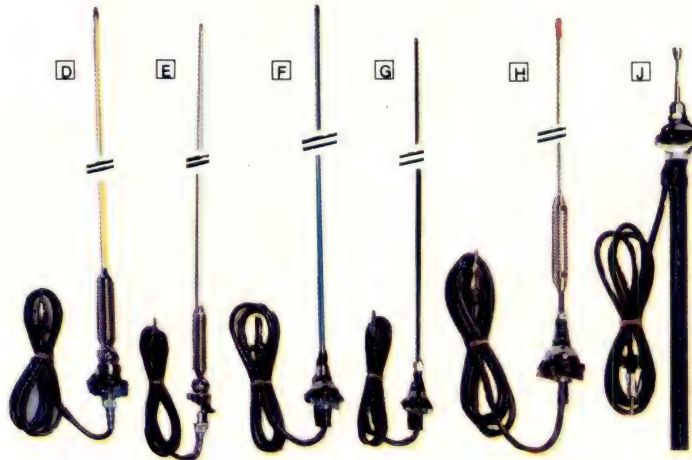
AUTO ANTENNAS, CONNECTORS AND ACCESSORIES

Replacement Antenna & Masts



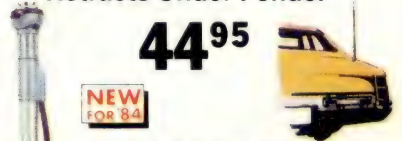
- A. Mast.** Fits over "stub" of broken antenna. 79cm long, stainless steel, ideal for FM stereo. With locking screws. 12-1316 9.99
- B. Antenna.** One-piece stainless steel; for top cowl or fender, 79cm long, ideal for FM stereo. 122cm cable included. 12-1329 15.29
- C. Universal Pillar Mount.** Three-section mast extends from 49.5 to 129.5cm. 167.5cm lead-in. Mounting hole spacing from 6.4 to 45.7cm. Fits all Japanese cars (except Honda). 12-1320 10.95

Antennas for Better Reception



- D. 120cm Fibreglass Whip Aerial.** Hardware included to make installation easy. Adjustable spring socket base for extra flex. 120cm shielded cable. 12-9541 12.95
- E. 2m Fibreglass Whip Aerial.** Has adjustable spring mount to give extra flex and security. All mounting hardware and 120cm shielded cable included. 12-9542 13.95
- F. 120cm Fibreglass Whip Aerial.** Fixed mount type. All mounting hardware and shielded cable. 12-9543 10.95
- G. 2m Fibreglass Whip Aerial.** Fixed mount type. All mounting hardware and roof clip included. 12-9544 11.95
- H. 110cm Steel Whip Aerial.** Stainless steel rod. Resists rust and corrosion. Spring loaded for extra flex. Includes shielded cable and all mounting hardware. 12-9059 8.95
- J. Lock Down Aerial.** Protects against theft and damage. 5 piece, extends to 110 cm. Includes all mounting hardware. 120cm shielded cable. Chrome finish. 12-9057 8.95

AM/FM Power Antenna Retracts Under Fender



44⁹⁵

NEW FOR 84

- Prevents Vandalism
- Requires Only 28.5cm Depth in Fender

Just switch it on and the stainless steel mast extends over 99cm in 3.5 seconds. Semi-automatic. Manual switch included. Fits most cars, trucks. With cable, power lead. 12VDC neg. gnd. 12-1323 .. 44.95

Extra Shielded Cables & 3-Way Connector



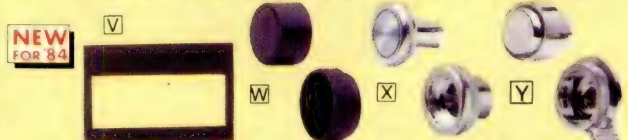
- K. 61cm Inline Extension.** Male connector at one end, female at other. 12-1312 3.29
- 61cm Male/Male Extension Cable.** 12-1314 3.29
- L. 3.6m Inline Extension.** Built-in capacitor. 12-1311 9.95
- M. Universal 3-way connector** connects 2 antennas to 1 radio input or 1 antenna to 2 radios. 12-1313 4.29

Automotive Connectors for Dependable Hookups



- N. 1.2m Polarized, Fused DC Cable.** Replacement for auto stereo and CB power cables. 270-025 3.79
- O. Quick-Disconnect Plugs.** Heavy-duty polarized contacts. 30.5cm loop of wire with one male, one female connector. 270-026 1.89
- P. 5-Pin Speaker/Power Plugs.** Fits Realistic® and many other brands. 274-1210 Pkg. of 2/1.39
- Q. 5-Pin Inline Socket With Leads.** Mates with Fig. Q and many speaker harnesses. 274-1215 1.99

Trim Gasket and Knobs for Autosound



- V. Trim Gasket.** For in-dash mounting of car stereo units in many late-model cars. 270-036 2.69
- Knobs.** Two inner and two outer knobs fit both "D" and split shafts.
- W. Import. Black.** 274-425 Set of 4/2.79
- X. Standard.** Chromed finish. 274-426 Set of 4/4.49
- Y. Low-Profile.** Chromed finish. 274-427 Set of 4/4.49

Cigarette Lighter Plugs, Cords and 12VDC Outlets



- R. 3m Extension Cord.** For powering accessories. 8 amps. 270-1536 8.99
- S. Lighter Plug.** Connects accessories easily. Fits standard lighter socket. Handles up to 8 amps. 274-331 1.79
- T. Heavy-Duty Fused Lighter Plug.** Requires 3AG fuse. Solder type. 274-335 2.19
- U. Accessory Outlet.** For 12VDC equipment. Mounts in or under dash. 270-1539 8.99

Plug-In Automotive Lamps



4⁹⁹
Each

- Z. Magnet Utility Light.** Strong magnet attaches light to hood, trunk or auto body. Ideal for emergency repairs. Plugs into cigarette lighter. 3.6m retractable cord. 12VDC. 61-2502 4.99
- AA. Flexible Map Light.** Plugs into lighter. Compact — stores in glove box. Has flexible 12.7cm-long neck, on/off switch. 12VDC. 61-2501 4.99

AUTO ACCESSORIES TO ADAPT, ANALYSE & ORGANISE

Universal DC Auto Adapter

With Six Adaptaplugs™

**NEW
FOR '84**

14⁹⁵



- Reduces 12 Volts to 3/4.5/6/7.5/9 Volts
- Reversible Output Polarity • LED "On" Indicator

Power your battery-operated radio, tape player or personal portable through your vehicle's lighter socket. Fits almost all equipment with a DC input jack and up to 300 mA current requirement. Protective circuit shuts down unit in case of overload. Fused. 183cm cord. 12VDC neg. ground only. 270-1560 14.95

High Power 6-9-12 Volt Adapter 17⁹⁵



For larger portable stereos, small TVs, VCRs (delivers 6V at up to 1/2 amp, 9V at up to 900 mA and 12V at up to 3 amps). Four-plug adapter fits most equipment requiring a coaxial power plug. Reversible polarity. Fused. LED "on" indicator. 270-1562 17.95

12VDC Power Cord

5⁹⁹



Standard Power Cord. For walkie-talkies, tape players, etc. Replaceable fuse. 270-1533 5.99

SPST Auto Panel Switches



H Dual Switch Panel. Two switches rated 10A at 12VDC. Includes two 12V long-life lamps. Complete with mounting hardware. 275-707 6.49

J Lighted Rocker Switch Panel. Rated 20A at 12VDC. Long-life lamp. Quick-disconnect terminals. Mounting hardware. 275-704 5.49

K Switch With Pilot Light. Single 5-amp switch with 12VDC lamp assembly and red lens. Mounting hardware. 275-703 3.89

L Double Under-Dash Type. Two separate toggle switches for auto circuits. Rated 5 amps at 12VDC. With hardware. 275-702 3.69

Voltage Inverter

44⁹⁵



For Cars,
Trucks
and
Imports

Use 12VDC equipment in vehicles with 12VDC pos. gnd. or 6VDC neg. gnd. electrical systems. For Ham equipment, radios, CBs, tape players. Up to 3A. Fused. 22-129 44.95

Car Stereo Cable Sets



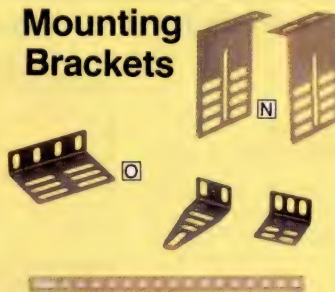
Low
As **3¹⁹**

C Cable Assembly. Five-pin plug, with power leads, four 45.7cm color-coded speaker leads. Fused. 270-014 11.95

D Universal. Fits 4 or 5-pin sockets. Fused. 270-017 3.49

E Standard. Five-pin fused plug. 270-041 3.19

Mounting Brackets



N Universal L-Brackets. Fit most vehicles and equipment. Hardware included. 270-022 Pair/5.79

O Universal Brackets. Three different sets with back support/ground strap plus hardware. Black. 270-023 Set. 4.99

Auto Headlight Alert

8⁵⁹



Reminds You
To Turn Off
Lights

Beeps for ten seconds when you leave your headlights on. LED flashes until lights are turned off. Self-tapping screws and double-sided tape included. Installs easily in most cars with accessible fuse block. 270-110 8.59

Auto Electrical System Analyzer

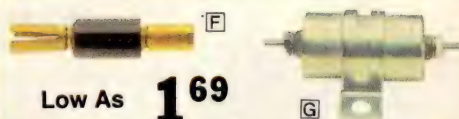
8⁹⁵



Check Your Battery
And Charging System
From Inside Your Car

Spot problems *before* you get stranded! LEDs show condition of battery, alternator and regulator. Plugs into lighter socket. 12VDC neg. gnd. 22-1635 8.95

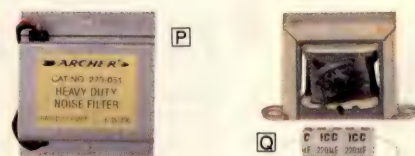
Noise Suppressors & Filters



Low As **1⁶⁹**

F Resistive Filter. Cuts spark plug noise. Installs in distributor. 270-012 1.69

G Capacitive Filter. Install inline. Especially useful against stubborn noise problems caused by ignition systems, fan motors and DC generators. Rated 0.5µF, 40 amps, 60WVDC. 272-1085 6.59



P Deluxe Filters. Two L-C sections cut ignition/alternator noise in CB and Ham radios or stereos. Also use with boosters, equalizers. 10-Amp. 270-051 27.95

5-Amp. 270-050 18.95

Q Noise Eliminator Kits. Each includes filter choke, capacitor and instructions. Heavy-Duty. 270-030 6.99

Standard. 270-020 5.29

Prices Apply at Participating Tandy Stores and Dealers

TANDY ALARM SYSTEMS FOR A SAFE HOUSE™

169⁹⁵ Low-Cost, Whole-House Protection for Your Family, Home and Property! Easy Do-It-Yourself Installation

Available Jan. 1, 1984

- Expandable—Add Your Choice of Security Accessories
- Custom Design Your Own Alarm System

Protect your property with the same type of system used by professionals! The features you need are built into the control panel—you can add alarm bells, sirens and strobes, key locks, security dialers, vibration and glass-breakage detectors or motion sensors—any of the open or closed-circuit security devices on page 111. There are two “loops”—one instant, and one with adjustable 0-45 second entry and exit delays. You can add up to ten arm/disarm key switches for entrances. There’s even a panic switch circuit that’s armed 24 hours for emergencies. Alarm shuts off after five minutes, then resets automatically. System is powered by a low-voltage stepdown transformer that plugs into 240VAC outlet, and has battery backup in case of AC failure. Four LED indicators in the all-steel control panel indicate system status at a glance. Power-on and arm/memory LEDs assure that the system is armed and working properly. The loop indicator lights when all detectors are in their normal state, and lets you know if you left a window or door unprotected. Separate battery and bell test buttons and battery indicator. 29.1 x 20.9 x 8.9cm. Backup requires eight alkaline or ten rechargeable nickel-cadmium “C” batteries. 49-450 **169.95**



24-Hour Protection

Complete Alarm System Package

Reg. Separate Items 233.13

199⁹⁵

Save \$33¹⁸



- A Alarm System Panel
- B 30m of Twisted Wire
- C High-Security Key Lock
- D Four Magnet Switches
- E 2-Sound Electronic Siren

Protect Your Valuable Automotive Investment With Mobile-Alert® Systems

“Silent” Alarm With Pocket Receiver

149⁹⁵

You Hear Alarm Up to 0.8km Away—The Thief Doesn’t

Mini-transmitter installs under dash and connects to radio antenna, sensors mount on door post—signals pocket-alarm receiver when your car is tampered with. Receiver, 10.1 x 5.1 x 2.5cm. Requires two “AA” batteries. 12VDC neg. gnd. 49-491 **149.95**



Keyless Alarm System With Motion Sensor

Senses Opening of Hood, Trunk, Doors—Warns of Tampering

Intrusion or motion triggers loud 3-minute alarm, then resets. Automatically arms itself 40 seconds after last door is closed. 20-second entry delay. Control module sensor, cables and hardware. 12VDC neg. gnd. 49-762 **84.95**



84⁹⁵

Keyless Vehicle Alarm System

NEW FOR '84

49⁹⁵

No Keys or Switches to Lose or Forget—Armed After Last Door is Shut

Protection at a bargain price! Alarm delivers penetrating sound that can be heard for blocks. 20-second entry delay and 40-second exit delay. With trunk and hood switches, wire, hardware and manual. 12VDC neg. gnd. 49-781 **49.95**



Design and Install Your Own Alarm System

NEW FOR '84

29⁹⁵



Uses your car’s horn or an optional electronic alarm. Automatically arms itself after last door is closed. 20-second entry delay. Alarm output handles 12VDC at 15A. With instruction manual and wire. Add accessories below to complete your system. For 12VDC neg. gnd. 49-751 . . . **29.95**

Hide A Key 1³⁹



No more lockouts! Grips any flat magnet-holding surface. Get two—for home and car! 49-050 . . . **1.39**

Extra Pin Switches

2⁹⁹

Pkg. of 2

For hood, trunk or doors. Can be used with any system on this page. 49-509 **2/2.99**



Low-Cost Motion-Detector Switch

Sense Movement 9⁹⁵

Mounts easily under hood and can be added to any of the systems above except #49-762. Adjustable sensitivity. Normally open circuit. 49-520 **9.95**



Prices Apply at Participating Tandy Stores and Dealers

EASY-TO-INSTALL MOTION-DETECTOR SYSTEMS

Our Best—Passive Infrared Motion Sensor

Exclusive
Tandy
Breakthrough!

229⁹⁵

- Latest Technology Protects by Detecting the Body Heat and Motion of the Intruder
- Covers 6m Wide by 9m Long Area

Loud internal or optional external alarm sounds when protected area is violated and resets. Arm or disarm from keyboard using your secret code, or may be remotely armed. 30-second exit/entry delay. "Walk-Test" lets you define protection area. 24-hour panic circuit sounds alarm instantly. simulated walnut 9.5 x 26.6 x 20.9cm. Battery Backup powers system if AC fails (requires eight "C" batteries). Can be used with optional perimeter accessories. **49-305 229.95**



Dual Protection!
Passive Infrared Plus Perimeter

Deluxe Ultrasonic Motion Detector— Also Usable as Perimeter System

169⁹⁵

- Automatic Shutoff and Reset
- 30-Second Exit/Entry Delay
- 24-Hour Panic Alarm Circuit
- Battery Backup In Case of AC Failure
- No Wiring—Just Plug In and Aim

Reliable security protection without complicated installation. Arms and disarms by a keyboard code that you set. "Walk-Test" defines protected area, up to 6 x 9m and sounds a loud, built-in alarm or optional external siren or bell. Can be used with optional perimeter accessories. Simulated walnut finish. 9.5 x 26.6 x 20.9cm.

49-304 169.95



Dual Protection!
Ultrasonic Plus Perimeter

Ultrasonic Motion-Sensor Alarm System



139⁹⁵

- No Installation—Just Plug In and Aim
- Loud Built-In Alarm • "Walk-Test" Lamp

Protects a 6 x 9m area. Motion triggers built-in alarm or optional super-loud siren or bell. Alarm sounds instantly or with 12-second delay. Adjustable sensitivity, remote on/off, 10-second exit delay, battery backup provision. Simulated walnut. 6.9 x 24.1 x 20.9cm. **49-303 139.95**

Low-Cost Portable Ultrasonic Alarm



**NEW
FOR '84**

49⁹⁵

- Detects Intruders Up To 7.6 metres Away
- No Installation

Compact and portable—use it on trips or at home. Alarm sounds three minutes, then resets. 35-second exit delay, switchable entrance delay. Requires 9V alkaline battery or AC adapter. **49-306 49.95**
AC Adapter. 273-9553 12.95

TANDY SECURITY EXPANDS FOR YOUR HOME AND FAMILY

Combination Door Alarm and Entry Chime



29⁹⁵



- Arms With Secret Keyboard Code
- Exit/Entry Delay • Easy to Install

Alarm protection, plus a pleasant-sounding chime that "announces" callers 16.8 x 7 x 3.2cm. Requires 9V alkaline battery.

49-42229.95

Solid-State Electronic Door Window Alarm

14⁹⁵

- Easy to Install
- Entry/Exit Delay
- Key-Operated On/Off

Low-cost protection! Loud, shrill sound scares intruders. 13 x 5.7 x 3.2cm. Requires 9V alkaline battery.

49-42114.95



Wallet/Purse Personal Alarm

9⁹⁵



"Mini" Alarm Unit Clips Onto Belt—Emits Loud, Piercing Sound if Wallet is Removed

Card inserts into wallet or purse. If thief attempts to remove wallet or purse, alarm sounds. On/off switch. Requires two "AAA" batteries. 49-6019.95

Hand-Held Personal Alarm for Portable Security

13⁹⁵



Carry it With You or Attach it to a Door

Alarm activator bar and wrist strap for outdoor use, plus a door attachment. Alarm sounds up to one hour. Requires 9V alkaline battery.

49-61013.95

Personal Hand-Held Alarm

NEW FOR '84

5⁹⁵



Pull Attached Cord To Set Off Loud, Piercing Alarm

Fits comfortably in your hand or pocket for go-anywhere portable protection. Or place it inside purse with cord wrapped around wrist—if purse is snatched, the alarm sounds as key is removed. Requires 9V alkaline battery. 49-6115.95

Window/Door Alarm

4⁹⁹

Install Several



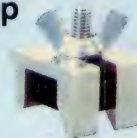
Loud built-in alarm. Includes mounting screws and adhesive backing. Requires two "AA" batteries.

49-4944.99

Window/Door Slide Stop

2²⁹

Halts Burglars!



Prevents opening sliding windows or doors. Position stop for any size opening.

49-5402.29

Announcer With Invisible Infrared Pulsed Beam

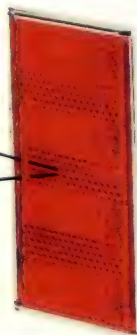
99⁹⁵

Works as an Announcing System for People Entering a Given Area—Activates Built-In Buzzer When Beam is Broken

Round-the-clock protection at a low price! Shoots a beam of invisible infrared light across a space of up to 15.2m to the reflector, which bounces it back. Whenever the beam is interrupted, the alarm is triggered. Alarm can be set to sound momentarily, continuously with manual reset, or sound for ten seconds after beam is broken, then reset. Features LED test alignment indicator and built-in buzzer plus output for connection of optional 12VDC bell or siren. 10.5 x 7.6 x 18.4cm. With adjustable mounting bracket. AC operation. 49-20199.95



One-Piece Receiver/Transmitter



Beam Reflector

SHOP TANDY FOR ALARM SYSTEM ACCESSORIES

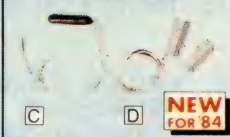
Switches and Spacers

A Contacts close when magnet engages. 49-495 5.99

A Contacts open when magnet engages. 49-512 6.95

B Spacers. Use with above on metal doors or uneven surfaces. 49-519 Pkg. 6/2.29

Magnetic Switches



C Mini. Contacts close when magnet engages. 49-497 6.99

D Concealed. Mounts inside door or window frame. 49-496 6.99

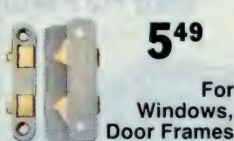
Foil and Block Connectors



E Foil. Connects to alarm and glass. 36.5m x 0.95cm roll. 49-502 7.99

F Connectors. Adhesive. 49-504 3 Pair/ 3.99

Foil/Vibration Contact



5⁴⁹

For Windows, Door Frames

Mount half on window or door, other half on frame. Allows normal door/window use.

49-518 5.49

Glass Breakage Detector



12⁹⁵

Guards up to 32 square feet of glass. For open or closed circuit alarms. Adhesive backing.

49-516 12.95

Vibration Detector



6⁹⁵

Detects impact vibration on any surface. Adjustable sensitivity. For N.C. circuits. Tamper-proof case. 49-521 6.95

Contact Switch

3²⁹

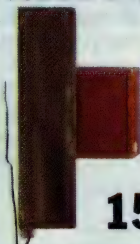


For Windows, Door Frames

Contacts close when plunger is depressed. With screw terminals, mounting hardware.

49-513 3.29

Pressure Mat



15⁹⁵

For use in or outdoors—conceals easily under rug, mat, carpet. For N.O. circuits. 1 amp at 25VDC. 6 x 24" 49-522 15.95

Panic Switch

2²⁹

Triggers Instant Alarm



Pushbutton activates alarm system in emergencies. For normally open circuits. Contacts close when button is pushed.

49-517 2.29

Tamper Switch

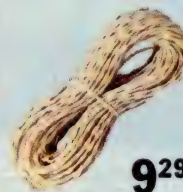


NEW FOR 84

2²⁹

Protects alarm panels, siren or bell boxes from tampering. Contacts open when plunger is depressed. For N.O. circuit loops. 49-528 2.29

2-Conductor Twisted Wire



9²⁹

Perfect for use in making alarm system connections. 22-gauge. 30m.

278-860 9.29

Warning Decals

Pkg. of 5
2²⁹



Vinyl, adhesive decal warns everyone you're protected by Radio Shack security system. Mounts on inside of glass.

49-507 Pkg. of 5/2.29

Lock Switch With Cover



6⁹⁹

Spring-loaded cover, screw terminals. With two keys. Ideal for car, home or business alarms systems. 49-515 6.99

High-Security Round Lock Switch



13⁹⁵

Key removes in "on" or "off" position. Comes with two keys. 49-511 13.95
As above, but momentary contact. 49-523 13.95

Remote Key Plate

9⁹⁵

For Most Keyswitches



Red and green LED system status indicators, tamper switch. For 6 and 12VDC. With mounting hardware. 49-524 9.95

Security Strobe Light



NEW FOR 84

24⁹⁵

Brilliant Strobe is Visible Even in Fog

Indicates where alarm is coming from and helps police or fire department locate your home quickly. Waterproof for outdoor use. 100,000 candlepower. Requires 12VDC at 0.2A.

49-527 24.95

20cm Alarm Bell



44⁹⁵

Loud, heavy-duty bell for signaling or alarms in homes, schools, factories. 1A, 12VDC.

49-498 44.95

Two Sound Electronic Siren



32⁹⁵

Dual sound — loud rise-fall or steady. Weatherproof. Requires 1/2A, 12VDC.

49-488 32.95

Hi-Power Dual Sound Electronic Siren



46⁹⁵

Loud rise-fall or steady sound. 1A at 6 to 12VDC. Adjustable base. Weatherproof.

49-525 46.95

YOU'RE NEVER "ALONE" WITH REALISTIC MOBILE CB

High-Performance AM/SSB Mobile CB
SSB Has More Power for Greater Range on More Channels



299⁹⁵

D.O.C. Approval
#249A032

- Clarifier Control Brings in Clear SSB Signals
- Illuminated Signal/RF Meter
- RF Gain Control

Realistic TRC-451. SSB (Single sideband) gets your message through with greater reliability and clarity. You get the regular 40 AM channels plus 80 sideband channels. Dual IF stages and crystal/ceramic filters reject adjacent channel interference. Quartz PLL circuitry gives frequency stability on all channels. Switchable noise blocker. LED dimmer controls. PA switch lets you monitor CB, even while you're in PA mode. With mounting bracket and dynamic mike. 12VDC neg. gnd. Measures 5.7 x 18.4 x 22.9cm.

21-1565 299.95

Channel 9 Priority and Tone Control



D.O.C. Approval
#249A031

- Instant Access to CB Emergency Channel 9

169⁹⁵

Realistic TRC-427. Get help in minutes! LED channel display, LED modulation indicator, S/RF power meter, noise limiter, squelch. With lock-plug mike, mounting hardware. 21-1534 169.95

Complete "Road Emergency" CB 2-Way Radio System



159⁹⁵

D.O.C. Approval
#249A026

Realistic TRC-411. Compact with 40 CB channels, 4W power, built-in mike and speaker, 3m antenna cord. 12VDC neg. gnd. 21-1505 159.95

Budget Compact with High-End Features



D.O.C. Approval
#249A025

119⁹⁵

Realistic TRC-410. Emergency CB — ultra compact size! LED channel indicator, signal strength/RF output meter, squelch. With lock-plug mike, mounting hardware. 21-1504 119.95

Deluxe AM + SSB Base Station/Mobile

429⁹⁵

Realistic TRC-490. Single-sideband gives you extended signal reach, cleaner reception and 80 "extra" channels. Features lighted S/RF power output meter, big LED channel display, RF gain control, switchable ANL/Noise blocker, simultaneous PA operation/CB monitoring feature. Jacks for headphone, remote CB speaker and mobile PA speaker. With mike, mobile mounting hardware. 21-1583 429.95

Sensitivity for 10 DB S + N/N: SSB 0.25 microvolt, AM 0.5 microvolt.
Adj. Chan. Rej.: 70 dB at 10 kHz. **RF Output:** SSB 12W P.E.P. max. AM 4W max. **Power Requirement:** 240VAC, or 12VDC pos. or neg. gnd.
Size: 10.2 x 29.2 x 34.2cm



D.O.C. Approval
#249A042

All Realistic CB Radios are DOC Type Accepted

MARINE CB AND CB ACCESSORIES

Powerful AM/SSB Marine CB

299⁹⁵

- Digital PLL for Ultra-Precise Frequency Control
- 10 Channels AM, 10 Channels Marine SSB
- Squelch and RF Gain Control

Realistic TRC-621. A totally solid state 10 Channel AM/SSB Marine CB with all the most wanted features: RF gain control, squelch, signal meter, PA auxilliary jack and EXT/INT switch. SSB helps in sensitivity and selectivity of signal, also giving greater clarity over longer distances. Carefully designed for single hand operation, the TRC-621 is complete with microphone and mounting hardware. 12 VDC neg or pos ground operation. **21-9621 299.95**

Fishing Frequency App. #244023

Realistic TRC-11 Marine CB Complete with Fishing Frequency Crystals

129⁹⁵ • 6 Channels



Fishing Frequency App. #242M0092

The **TRC-11** features variable SQUELCH control to eliminate background noises, switchable ANL, Automatic gain control, modulation indicator and Push-pull Audio Amplifier.

21-9141 129.95

SPECIFICATIONS: Transmitter: Power output 4 watts. Receiver: Sensitivity 0.7 uV for 10 dB (S + N)/N; selectivity 6 kHz @ -6 dB; Adjacent Channel Rejection 36 dB. General: Channels-Supplied with A: 27.860 MHz B: 27.880 MHz C: 27.900 MHz D: 27.910 MHz E: 27.940 MHz F: 27.960 MHz; Power Requirements 12.5 — 15 VDC negative ground only.

Marine CB Antenna

79⁹⁵



259cm Fiberglass Marine Whip. "Lay down" feature for horizontal or vertical mounting on metallic or non-metallic surfaces. Ideal for fiberglass and wooden boats — no ground plane needed. 4.88m cable with connector. **21-912 79.95**

Coax Cable Assemblies for Base and Mobile

Low As **7⁹⁹**



All cable is 52-ohm. Each assembly includes PL-259 connector on each end (except 278-966).

Metres	Type	Cat. No.	Each
0.61	RG58/U	278-968	7.99
1.52	RG8/U	278-969	9.99
6.1	RG58/U*	278-966	9.99
15.2	RG58/U	278-971	21.95

*PL-257 connector to spade lugs

Field-Strength/SWR Meter



STILL AT 1983 CAT. PRICE

24⁹⁵

For 2-30 MHz

Reads SWR (forward/reflected) to 1 kW. Portable field-strength meter. 4.8 x 15.7 x 6.4cm.

21-525 24.95

1/4-Wave Antenna

42⁹⁵

- Beta-Matched for Low SWR on 40 Channels
- Omnidirectional

High performance, rugged construction! Three 2.74m radials and 2.74m quarter-wave vertical radiator. For masts up to 2.5cm diameter. Static discharge arrestor. Accepts PL-259 connector.

21-901 42.95



Mast not included

1/2-Wave Antenna

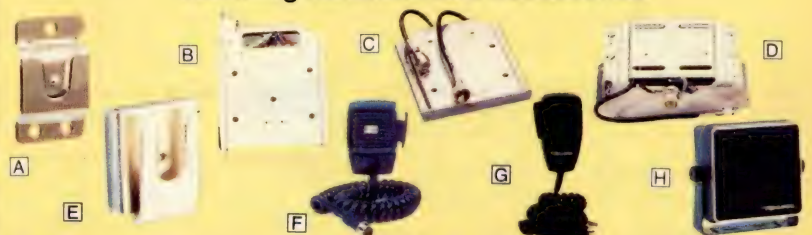
64⁹⁵

- 3.75 dB Gain
- Omnidirectional

Multiplies effective radiated power for greater transmit range and cleaner reception. Three 1.32m radials, 4.88m five-section aluminium radiator. For mast up to 4.1cm dia. Accepts PL-259 plug.

21-902 ... 64.95

Mounting Hardware and Accessories



A Mike Clip. Mount with screws or insta-mount adhesive. **21-923 2.69**

B CB Underdash Mount. CB slides on or off bracket under dash. With electrical connections. **21-566 21.95**

C Extra Mount for above. Use same CB in two vehicles. **21-567 10.95**

D CB Floor Mount. Same features as underdash mount, but fits transmission hump. **21-568 21.95**

E Magnetic Mike Holder. **21-1130 1.99**

F Dynamic Mike. Shielded coiled cord. DIN-type plug. **21-1172 17.95**

G Noise-Cancelling Mike With Preamp. Assures 100% modulation. Usable as dynamic mike without battery. Requires 7V battery. **21-1175 32.95**

H Extension Speaker. 360° swivel base. 5 watts. 3 metres cable, miniplug. 8 ohms. **21-549 18.95**

All Realistic CB Radios are DOC Type Accepted

ARCHER® MOBILE ANTENNAS FOR MORE CB MILEAGE



A Deluxe Magnet-Mount. Mounts on any flat magnet-holding surface—no holes to drill. Low-loss coil form, heavy-gauge copper wire coil and 152cm whip provide improved performance and greater range. Heavy magnet holds securely at highway speeds. 487cm cable, connector.
21-96059.95

B CB/AM/FM "Disguise" Antenna. Combined AM/FM auto radio and CB antenna will mount in a standard antenna hole, or wherever you choose. Tapered stainless steel whip. With 259cm cable, 3-way splitter, connectors for CB and car radio, mounting hardware.
21-99059.95

C Base-Load Magnet-Mount. Mounts on any flat magnet-holding surface. Hardened stainless steel whip and heavy-duty shock spring for stability at highway speeds. Coil is sealed for long life. 487cm cable, connector.
21-94049.95

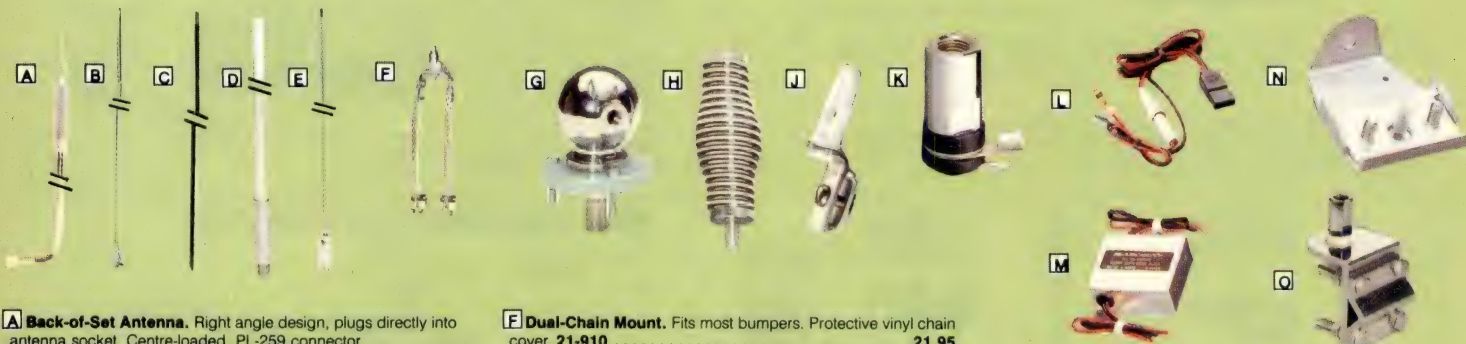
D Single Truckers II Antenna. Delivers the high performance and reliable communications you want on the road. Heavy-duty mirror mount adjusts for vertical or horizontal brackets. Over-size resonator and adjustable tip rod for precise tuning. With 304cm cable, connector.
21-94149.95

E Fiberglass No-Hole Trunk Mount. Rust proof—ideal for coastal areas and corrosive environments. Triple chrome-plated brass fittings on coil housing. 487cm cable, connector.
21-92649.95

F "Shorty" Roof Mount. Easy snap-in mounting. Center-loading coil, stainless steel whip and shock spring, chrome-plated support tube. 487cm cable, connector.
21-90644.95

G Gutter Clamp Antenna. Centre loaded. Stainless steel spring and adjustable whip, chrome-plated support tube. 304cm cable.
21-90939.95

CB EXTRAS, ANTENNAS, AND REPLACEMENT PARTS



A Back-of-Set Antenna. Right angle design, plugs directly into antenna socket. Centre-loaded. PL-259 connector.
21-92112.95

B 259cm Stainless Steel Whip. Standard 3/8"-24 Stud.
21-90323.95

C Helical Whip Antenna. Smart black coated fiberglass wire wound CB antenna. 3/8"-24 thread base screw attachment.
21-990129.95

D 122cm Fiberglass Whip. Top-loaded 3/8"-24 thread.
21-93419.95

E Stainless Steel Whip. With adapter. Replaces 21-904, 908, 940. 21-95211.95

F Dual-Chain Mount. Fits most bumpers. Protective vinyl chain cover. 21-91021.95

G Ball Mount. For Vertical or horizontal mtg. Chromed ball, lug terminals. 21-111515.95

H Steel Spring. Chrome-plated. Removable 3/8" threaded stud. 21-111815.95

I Antenna Hold-Down Clip. Clips to gutter. 21-9172.99

J Mounting Hardware. Standard 3/8"-24 female thread. Fits mounting plates up to 1/8" thick. Nickel-plated. 21-9505.99

K 12VDC Replacement Power Cord. 122cm long with 3-pin plug, inline fuse holder. Requires 2-amp fuse.
21-5505.99

L Heavy-Duty Noise Filter. Two separate L-C filter sections cut alternator whine and ignition noise. Rated 5 amps.
270-05018.95

M Gutter Clamp. For most antennas requiring 3/8" diameter hole. 21-9118.99

N Mirror/Luggage Rack Mounting Bracket. For 3/8"-24 threaded whip antennas. 21-93715.95

TANDY HIGH-POWER CB WALKIE-TALKIES KEEP YOU IN TOUCH

**NEW
FOR '84**

**40 Channels
5 Watts**

**Ready to Use
On All Channels!
No Crystals to Buy!**

219⁹⁵



**Push-to-Talk
Mike Plugs
Into TRC-212
(optional)**

U.S. Patent No.
4,291,412

**Carry Case
Included
650
Value**



D.O.C. App. #249A051

- LCD Channel Readout
- Range-Boost Antenna System
- Hi-Lo Power Battery-Saver Switch

Realistic TRC-212. Our best! Ideal for camping, fishing, construction sites—wherever reliable portable communication is needed. Unique Range-Boost antenna system extends signal reach on both transmit and receive. Ceramic filter provides increased selectivity. Adjustable squelch, automatic noise limiter, separate speaker and electret condenser mike. Jacks for earphone, hand mike, antenna, battery charger. 23.5 x 8.1 x 6cm. Requires eight "AA" batteries or ten rechargeable nickel-cadmium batteries or AC adapter. 21-1662 219.95

**6 Channels
5 Watts**

**NEW
FOR '84**

149⁹⁵



**Push-to-Talk
Mike Plugs
Into TRC-211
(optional)**

**Carry Case
Included
650
Value**



D.O.C. App. #249A048

A Realistic TRC-211. Exclusive Range-Boost antenna system, battery/RF meter, squelch control, hi/lo power-saver switch, jacks for antenna, hand mike, battery charger. With Ch. 14 crystals—add optional extra crystals for up to five more. 23.5 x 8.1 x 6cm. Requires eight "AA" batteries or ten rechargeable batteries. 21-1652 149.95

**3 Channels
3 Watts**

**NEW
FOR '84**

99⁹⁵



D.O.C. App. #249168

B Realistic TRC-206. Auto-modulation, Range-Boost and center-loaded antenna for extra "talk power". Squelch control, LED battery-test and modulation indicators, jacks for external antenna and charger. With Ch. 14 crystals—add optional extra for two more. 24.8 x 8.6 x 7.6cm. Requires eight "AA" or ten rechargeable batteries. 21-9206 99.95

**3 Channels
2 Watts**

79⁹⁵



D.O.C. App. #249161

C Realistic TRC-201. Auto-modulation for maximum "talk power"; Range-Boost antenna system for extended signal reach. Squelch control, separate speaker and condenser mike, battery-test LED. With Ch. 14 crystals—add optional extra crystals for two more. 26 x 7.9 x 6.4cm. Requires eight "AA" or ten rechargeable batteries. 21-9201 79.95

Walkie-Talkie Accessories



- D Flexible Antenna.** For loaded and standard antennas. Clamps with one screw. 21-980 . 9.99
- E Battery Charger.** For 12-15V nickel-cadmium batteries. Use with 21-9206, 1652 and 1662. 240VAC. 21-9902 9.99
- F 12VDC Car Power Cord.** Power walkie-talkie from lighter socket. Neg. gnd. only. 2.4m cord. 270-1533 5.99

Transmit/Receive CB Crystals

Two-Pack includes one receive and one transmit. Other frequencies not listed may be special-ordered.

ALL 4⁹⁹ SET

CB CHANNELS

Cat. No.	Frequency MHz
21-9512	27.015
21-9513	27.065
21-9514	27.085
21-9516	27.125
21-9532	27.055
21-9574	27.620

MARINE CHANNELS

Cat. No.	Frequency MHz	Cat. No.	Frequency MHz
21-9519	27.880	21-9526	27.960
21-9521	27.910	21-9575	27.680
21-9523	27.900	21-9576	27.720
21-9524	27.860	21-9577	27.820
21-9525	27.940	21-9578	27.980

**3 Channels
300 mWatts**

**NEW
FOR '84**

59⁹⁵



D.O.C. App. #249A050

**Perfect for Campers,
Construction Workers or
Just for Fun**

Realistic TRC-85. Keep in touch with home base! Loaded with convenient features—battery-test button with LED indicator, side-mounted volume/on-off controls for easy one-hand operation. Add optional crystals to receive two extra channels. Includes built-in telescopic antenna, high-impact case, wrist strap. 22.2 x 7.6 x 4.8cm. Requires six "AA" batteries. 21-9607 . 59.95

60-CHANNEL PROGRAMMABLE SCANNER FOR HOME OR CAR*

50 Public Service and Aircraft Channels Plus 10 FM Broadcast Channels

**NEW
FOR '84**

Available Dec. 15, 1983

469⁹⁵

Listen to Police, Fire, Ambulance, Aircraft, Hams, Trains, Weather, VHF Marine and More—Even Your Favourite Standard FM Stations



U.S. Pat. No. 3,794,925

Realistic PRO-2003. No crystals to buy—direct keyboard entry of 20,584 frequencies. Use the search circuit to find new channels. When you find one that sounds interesting, store it in memory. Zeromatic® circuit assures accurate signal tuning every time. Has 2-speed scan and search, Scan Delay, individual channel-lockout, priority function and variable squelch control. Large easy-to-read display shows channel no., frequency, function and mode. Bands: VHF-Lo 68-

88 MHz; VHF-Air AM 108-136 MHz; Ham/Govt. 138-148 MHz; VHF-HI 148-174 MHz; 410-450 MHz; UHF-Lo 450-470 MHz; UHF-Hi 470-512 MHz. Built-in speaker, telescopic antenna, plus jacks for headphone and external speaker. 7.9 x 28.5 x 22.8cm. With operating manual. AC operation or 12VDC negative ground. Memory backup requires 9V battery. **20-9117** **469.95**

Exciting "Voice of the World" 9-Band Portable Communications Receiver

AM/FM, International Long-wave Broadcast Bands, Six Shortwave Bands

129⁹⁵

**NEW
FOR '84**

Available November 30, 1983

Realistic DX-360. Take it with you for great listening anywhere in the world! Hear exciting international news, views and entertainment on the BBC, Voice of America, Radio Japan and many others, plus standard AM and FM. International broadcast bands are highlighted on the tuning dial. Features Glide-Path® volume, tone and short-wave band selector controls. Telescopic antenna, built-in speaker and tuning/battery LED indicators. 1/8" ear-phone jack. Bands: AM/FM Broadcast, plus SW1 4.5-5.5 MHz, SW2 5.9-7.5 MHz, SW3 8.2 to 10 MHz, SW4 11.4-14 MHz, SW5 14.6-18.2 MHz, SW6 21-25 MHz, LW 150-260 kHz. 11.4 x 26 x 4.4cm. Requires four "AA" batteries or DC adapter. **20-208** **129.95**



Expand Your Communications System With These Tandy Accessories

SW Antenna Kit



18⁹⁵

75-foot copper wire, insulators, lead-in, standoffs, window feed-thru.

278-758 **18.95**

Mono Headset

11⁹⁵

Adjustable Headband, padded earcushions. 4-16 ohms, 1/4" plug.

20-200 ... **11.95**



Lightweight Mono Headset

12⁹⁵

Adjustable headband, foam ear cushions. 1/4" plug, 4-16 ohms.

20-210 ... **12.95**



Morse Code Key



7⁹⁹

Fully Adjustable

Adjustable tension and contact spacing. Ball bearing pivots. **20-1084** **7.99**

Practice Module



4⁹⁹

Learn Morse Code

Prewired—just add code key, earphone or speaker, 1 1/2-volt battery. **20-1155** **4.99**

REALISTIC® SCANNERS FOR ALL THE LATEST ACTION



369⁹⁵

**STILL AT
1983
CAT. PRICE**

20-Channel Programmable*

Realistic PRO-2020. Features direct keyboard entry of Ham, police, fire railway, aircraft, weather channels and more. Has Search and Scan in two speeds, Scan Delay to avoid missing call-backs, and individual channel lock-outs. Zeromatic® circuitry for precise tuning. Big fluorescent readout, built-in speaker, plus jacks for headphones, external speaker, antenna and tape recorder. 6.6 x 19 x 25cm. With mobile mounting bracket. AC operation or 12VDC neg. gnd.

20-9112 369.95

No Crystals Needed • 20,480 Channels Available • Covers
68-88, 138-148 and 148-174 MHz VHF, Air 108-136 MHz AM, 410-470 and 470-512 MHz UHF

U.S. Pat. Nos. 3,794,925; 3,801,914 and 4,245,348

Budget Priced — 8-Channel Programmable Scanner



269⁹⁵

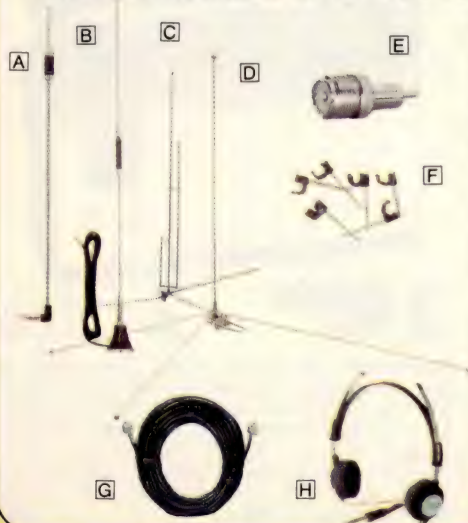
**STILL AT
1983
CAT. PRICE**

Realistic PRO-2009. Stretch your listening horizons without stretching your budget. Hear police, fire, trains, Hams, weather and more. Features direct keyboard entry, with Auto-Scan and Search to find new channels. Two-second Scan Delay, channel lockout, monitoring of you favorite frequency, squelch control. Bands: VHF-Lo 68-88 MHz; Ham 144-148 MHz; VHF-Hi 148-174 MHz; Ham/Gov. 410-450 MHz; UHF-Lo 450-470 MHz; UHF-Hi 470-512 MHz. Built-in speaker, whip antenna, external antenna jack. 7 x 26.6 x 20cm. AC operation. Requires 9V battery for memory backup. 20-9109 269.95

No Crystals Needed • Tune in the Action on 18,160 Frequencies

U.S. Pat. No. 3,794,925; 3,801,914 and 4,245,348

Add Antennas and Accessories for Best Reception



- A** Indoor VHF/AIR/UHF Plug-In Antenna. Centre-loaded. Extends 4 to 10cm. Motorola-type plug. **20-161** 9.95
- B** VHF/UHF/Air Magnet Mount Mobile Antenna. 4.9m cable. Motorola-type plug. **20-018** 49.95
- C** VHF/Air/UHF Base Antenna. Accepts PL-259 connector. Less cable. **20-014** ... 59.95
- D** VHF-HI/Air/UHF Base Antenna. Accepts PL-259 connector. U-clamp mount fits masts up to 38mm diameter. Less cable. **20-176** ... 29.95
- E** Coax Adapter. Adapts PL-259 connector to a Motorola-type plug. **278-208** 2.99
- F** Coax Clips.
For RG58/U. **20-192** 10 for 1.69
For RG8/U. **20-193** 6 for 1.69
- G** Coax Cable Assemblies. 52-ohm cable. PL-259 connectors at both ends 15.2m RG58/U. **278-971** 21.95
- H** Monophonic Headset. Adjustable head-band, padded earcushions, standard 1/4" plug. **20-210** 12.95

Hear the News Wherever You Go with a Portable* Scanner

129⁹⁵ VHF-Hi/Lo/UHF

Two Antennas Included

Use the Antenna that best suits your needs!

Telescoping for optimum range

Short flexible for close quarters



**NEW
FOR '84**

Covered by U.S. Pat. Nos. 3,794,925 and 3,895,303. Crystals not included or available from Tandy Electronics.

Realistic PRO-24. Automatically scans up to four channels. Covers: VHF-Lo 68-88 MHz; VHF-Hi 144-174 MHz; UHF-Lo 450-470 MHz and UHF-Hi 470-512 MHz. Features scan-delay, channel lockouts, speaker, earphone jack. Req. 4 "AA" batteries or AC or DC adapter. **20-9105** 129.95

*Mobile Use of Scanners May Be Unlawful or Require a Permit—Check With Local Authorities

REALISTIC® PORTABLES — FAMOUS FOR QUALITY & VALUE

Our Finest High-Performance AM/FM Portable Radio



99⁹⁵

- Tuned RF Amplifiers for Long-Range AM/FM Reception
- Separate Bass & Treble Controls

Advanced circuitry pulls in more stations, with better sound, than ever before! Full one-watt audio power output, large 13.3cm speaker, loudness button to enhance bass at low volume. Separate bass and treble controls to tailor the music to your taste. AFC for no-drift FM. Built-in AM and telescoping/swivel FM antenna, plus terminals for external FM antenna. With earphone, fold-down handle. AC operation or six "D" batteries (not included).

12-650.....99.95



Feature-Packed Shortwave Portables Let You Listen to the World

Air, 3 Shortwave, AM/FM

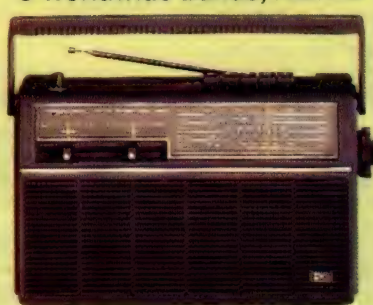


AM, FM, 108-136 MHz VHF-Air, 3-6.5 MHz, 6.5-13 MHz, 13-26 MHz

119⁹⁵

Realistic DX-66. Six bands let you tune in AM, FM, VHF-Air and worldwide shortwave. All-band fine-tuning, AC-to-battery automatic switching if power fails, AFC for no-drift FM reception, telescoping FM/SW/VHF antenna, 1/4" headphone jack, external FM/SW/VHF antenna jack. 26 x 30.5 x 10.2cm. AC operation or four "C" batteries (not included). 12-767.....119.95

3 Worldwide Bands, AM/FM



AM, FM, 3 6.5 MHz, 6.5-13MHz, 13-26 MHz

79⁹⁵

Realistic DX-55. Get the news from across the world, plus AM/FM with this five-band compact. AM/SW fine-tuning, slide-action volume and tone, AC-to-battery automatic switching, AFC for no-drift FM, telescoping FM/SW antenna, jack for external FM/SW antenna. With earphone. 18.1 x 30.5 x 8.9. AC operation or four "C" batteries (not included).

12-777.....79.95

Police, Air, Weather, AM/FM



149⁹⁵

AM, FM, VHF Air-Hi, VHF-Lo, UHF, 6-18 MHz

Patrolman® SW-60. Six bands, and loaded with features! Hear local police, aircraft and weather on VHF Air-Hi, VHF-Lo, UHF and AM/FM. All-band fine-tuning, AC-to-battery automatic switching, squelch control, 10.1cm speaker, jacks for 1/4" headphone and external FM/VHF antenna. 26.6 x 30.4 x 10.1cm. AC operation or four "C" batteries (not included). 12-779.....149.95

TANDY HAS AM/FM PORTABLES READY TO GO

AM/FM Stereo Portable With Amazing Stereo-Wide™ Sound Enhancement



NEW LOW
PRICE

74⁹⁵

- Automatic AC-to-Battery Switching If Power Fails

Stereo Wide E-x-p-a-n-d-s
Depth and Separation

Realistic Concertmate®. Exciting stereo realism in a one-piece portable! Features twin 10.2cm speakers, tone control, slide action balance, AFC for drift-free FM and a loudness switch for improved sound at low volume. LED FM stereo indicator, 1/4" headphone jack. 20 x 27 x 11cm. AC operation or four "D" batteries (not incl.). 12-708. **74.95**

Was \$89.95 in
'83 Catalogue

AM/FM Portable Loaded With Features

AM/FM Portable with Full-Range 10.1cm Speaker, Tone Control, Automatic Battery-to-AC Switching and FM-AFC



64⁹⁵

"Go-anywhere" compact with big signal-pulling power! Ceramic filter provides extra selectivity for clearer reception in crowded signal areas. Slide-rule tuning, built-in AM and telescoping FM antennas. 21 x 26.7 x 7.6cm. With earphone. AC operation or four "C" batteries (not incl.).

12-624 **64.95**

Pocket AM, VHF-Air



26⁹⁵

AM/VHF Aircraft

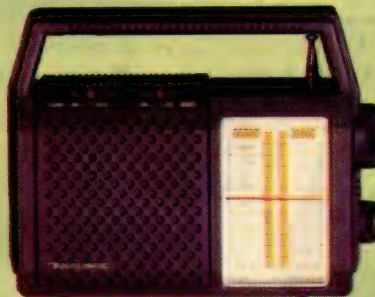


- Hear Planes and Towers Talk
- Ideal for Air Shows

Jetstream®. Two-band radio for 108-135 MHz aviation band and standard AM on-the-go! Built-in AM, telescopic VHF antennas. With earphone and carry strap. 12.1 x 7.3 x 4.1cm. Requires 9V battery.

12-601 **26.95**

Ruggedly Styled AM/FM



NEW LOW
PRICE

34⁹⁵

Large Slide-Rule Dial

Was \$39.95 in
'83 Catalogue

Stylish compact is priced low, and set to go! Tone switch, FM-AFC, built-in AM and telescoping FM antennas. 23.5 x 18.4 x 7.6cm. Requires "AA" batteries (not incl.).

12-711 **34.95**

Extra-Feature AM/FM



Rotary Tone Control
AC-to-Battery
Automatic Switching

59⁹⁵

Features AFC for no-drift FM enjoyment. 7.6cm speaker, built-in AM and telescoping FM antennas. With earphone. 18.4 x 23.5 x 6.7cm. AC operation or four "C" batteries (not incl.). 12-668. **59.95**

STEREO-MATE™ PERSONAL PORTABLE RECEIVERS



Our Finest AM/FM STEREO-MATE

**STILL AT
1983
CAT. PRICE**

69⁹⁵

- Fits Pocket or Wear on Belt
- Hi/Lo Tone Switch • FM Muting

Enjoy music or the game's play-by-play while jogging, working, relaxing. FM muting switch cuts tuning noise between stations. Dual 1/8" stereo headphone jacks for sharing the music, built-in AFC for no-drift FM. With carry case and wrist strap. 15.2 x 7 x 2cm. Requires three "AA" batteries and Micro Headphones. 12-113 **69.95**

AM/FM Stereo With Built-In Belt Clip

**NEW
FOR '84**

49⁹⁵

Shuts Off Automatically When Headphone is Unplugged

Great stereo sound to go! Slips in your pocket or clips to belt. Rotary tuning and volume controls, built-in FM-AFC, AM/FM/FM stereo switch, LED FM stereo indicator, 1/8" headphone jack. With vinyl carry case and shoulder strap. Requires three "AA" batteries and Micro Headphones. 12-114 **49.95**



Micro-Stereo Headphones

Specially designed for use with STEREO-MATE portable receivers! Full-range stereo sound, yet comfortable and lightweight. See page 25 for details.

[A] Realistic Nova-5. Adjustable headband, 1/8" plug, 1.2m cord. 33-9597 **9.95**

[B] Realistic Nova-52. Folds for compact storage. 2.0m cord, 1/8" plug. 33-979 **24.95**

24⁹⁵

9⁹⁵

Music to Your Ears!

See full range of lightweight headphones on page 25.



Ultra-Compact, Lightweight FM Stereo

**STILL AT
1983
CAT. PRICE**

29⁹⁵

- Only 4.8 x 6 x 2.5cm

Fits in shirt pocket or wear on belt. Built-in AFC, LED stereo indicator, stereo/mono switch, 1/8" headphone jack. With carry case. Requires one 9V battery and Micro Headphones. 12-109 **29.95**



Deluxe AM/FM Stereo System for Home or Portable Use

- Two Built-in 10cm Wide-Range Stereo Speakers
- Removable AM/FM STEREO-MATE Pocket Receiver
- 60-Minute "Sleep" Switch With Auto-Shutoff

99⁹⁵

Enjoy your favorite stereo at home, or use the pocket receiver for great sound to-go. Separate bass/treble controls, aux jack to add a cassette deck. With carry case for pocket receiver. System: 13.6 x 32.7 x 5cm. Receiver: 12.4 x 7 x 2.4cm. Amplifier requires four "C" batteries, pocket receiver requires three "AAA" batteries. Pocket receiver requires Micro Headphones. 12-707 **99.95**



The system that's ready for anything...relaxing, running or recreation



TANDY HAS A PORTABLE RADIO FOR EVERY OCCASION



Deluxe Bike Radio With Horn

24⁹⁵

7.6cm Safety Reflector

Archer Road Patrol®. Mounts on almost any handlebar. AM radio removes easily, bracket stays on bike. Pushbutton horn, 6.4cm speaker. 8.9 x 13.3 x 9.8cm. Requires three "C" batteries. 12-197 24.95

Personal Radio and Headphones

NEW FOR '84

16⁹⁵

- Hear Your Favorite AM Stations Or the Game's Play-by-Play
- One-Hand Rotary Volume Control

Complete listening system for go-anywhere music on a budget. Compact—fits in your purse or shirt pocket. Headphones let you listen to your favorite station in private. 1/8" headphone jack. 3.4 x 10.1 x 2.2cm. Requires 9V battery. 12-108 .. 16.95



Budget Bike Radio

19⁹⁵



Archer Road Patrol . Low-priced AM radio for peddlin' fun! 5.7cm speaker, earphone jack, weatherised case. 10.2 x 12.7 x 8.9cm. 12-196 19.95

Digital AM/FM Travel Clock Radio With Snooze

69⁹⁵

- Compact—Packs Easily for Trips
- Backlight Display Pushbutton
- Quartz Accuracy



Chronomatic® -228. Wakes you up to "beep" alarm or radio. Easy-to-read 0.95cm LCD, pushbutton time/alarm settings, ceramic filter, 24-hour alarm. 7 x 16.8 x 4cm. Requires four "AA" batteries. 12-1535 69.95

"Private Listening" Headphone Radios Are Music to Your Ears

AM

STILL AT 1983 CAT. PRICE

24⁹⁵



Great for Walks, Jogging, or Working in The Yard

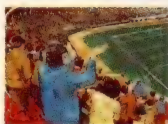
Tandy® AM Headset. Light and comfortable! Twin speakers, side-mounted rotary volume and tuning controls, built-in antenna. Adjustable headband. Requires 9V battery.

12-187 24.95

AM/FM

STILL AT 1983 CAT. PRICE

39⁹⁵



Tandy AM/FM Headset. Padded earcushions seal out noise, seal in music. Side-mounted rotary tuning. Antenna is hidden in adjustable headband. Requires 9V battery.

12-186 39.95

AM/FM Stereo

STILL AT 1983 CAT. PRICE

49⁹⁵



Tandy AM/FM STEREO-MATE® Headset. Rotary volume, balance and tuning controls. Adjustable headband, built-in antenna. Requires three "AAA" batteries.

12-188 49.95

UNIQUE NOVELTY RADIOS THAT ARE SOMETHIN' ELSE

Cute 'n Cuddly Pettable Portable Radios

LOW AS

15⁹⁵

Furry little friends that kids love! Built-in AM radios with external controls. Require 9V battery.

Description	Cat. No.	Each
Sad Puppy	12-988	21.95
Mouse	12-975	19.95
Cuddly Cat	12-983	15.95
Wise Owl	12-987	19.95
Happy Penguin	12-9560	17.95

**NEW
FOR '84**

**Wise
Owl**

Happy Penguin

**NEW
FOR '84**

**Country
Mouse**

Cuddly Cat

**NEW
FOR '84**

**Sad
Puppy**

Columbia Space Shuttle Radio



**STILL AT
1983
CAT. PRICE**

17⁹⁵

Tandy AM Space Radio

17⁹⁵



Have a "Close Encounter" with your favourite AM radio station! This futuristic spaceship has rotary "dome" tuning, on/off volume control, AC adapter jack. 12cm diameter, 11.5cm high. Requires 9V battery.
12-958 17.95
AC Adapter. 270-9152 7.99

Make Friends with a Smurf™ Radio

12⁹⁵

**NEW
FOR '84**



*TM Nasta Industries Inc.

Kids Will Love to Carry Him Everywhere

"Smiley" Smurf brightens up everyone's AM listening! Rotary volume and tuning controls. 6.3cm speaker, earphone jack. Wrist strap. 10.1 x 9.4 x 3.4cm. Requires 9V battery.
12-954 12.95

Table Radios for Kitchen, Bedroom or Office

[A] Realistic MTA-8 Compact AM/FM Radio. The little radio that "thinks" it's a hi-fi! Features an integrated circuit (IC) audio output stage and a free-edge 10.1cm speaker for superb sound. Has a tone control, ceramic filter for superior FM reception, lighted dial, built-in antennas, terminals for external FM antenna. Pressed wood cabinet with handsome walnut vinyl veneer finish. 15.2 x 27.5 x 10cm. AC operation.
12-689 64.95

[B] Realistic Compact AM Radio. Big on looks but small in size! Ideal for garage, kitchen, shop, utility room. Transformerless audio stage and 7.6cm speaker deliver surprisingly good sound. Moulded cabinet with simulated walnut finish. 10.8 x 22 x 9cm. AC operation.
12-679 26.95

64⁹⁵ [A]



26⁹⁵ [B]

CLOCK RADIOS WITH BATTERY BACKUP/SENTINEL

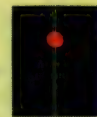
Battery Backup

9V battery runs clock (without display) up to 8 hours and alarm for 10 minutes, if AC fails



Battery Sentinel™

Front-panel red LED warns you if backup battery is weak or missing—fail-safe design



Our Stereo Model Sounds Fantastic

89⁹⁵

Chronomatic®-225. Start each morning with your choice of stereo music on FM, your favorite AM station, or buzzer alarm. Turn off alarm/radio and it automatically *resets itself* for tomorrow's wake-up time! Clock features hi/lo display dimmer, snooze and 1-hour/59-minute sleep controls, p.m. and wake LEDs. Lighted dial, hi/lo tone switch, balance control, LED stereo indicator, FM-AFC, terminals for external FM antenna, 1/4" stereo headphone jack. 10.1 x 32.3 x 16.5cm. 12-1532 **89.95**

23mm LED —Easy to See Night or Day



69⁹⁵

- LED Indicators for P.M. and Wake
- Hi/Lo Display Dimmer

Chronomatic-230. Use the 1-hour/59-minute sleep control to doze off. Rise 'n shine to radio or buzzer. Tape the snooze bar to a steal a few extra winks. Time and alarm-set controls are easy to get at and simple to use. Radio has lighted slide-rule dial, 7.6cm speaker, AFC and ceramic filter on FM, earphone jack. 7.6 x 26 x 14cm. 12-1537 **69.95**

Slim Styling and Most-Wanted Features



59⁹⁵

Chronomatic-227. Battery Backup makes sure you wake on time — even if power fails during the night! Snooze and sleep controls, bright/dim display switch, AM/Wake indicators. Radio has 7.6cm speaker, lighted dial, ceramic filter and earphone jack. 6.4 x 24 x 14cm. 12-1534 **59.95**

One of Our Most Popular Clock Radios



59⁹⁵

Chronomatic-233. A better buy than ever! Selectable radio or buzzer alarm, hi/lo LED dimmer switch, 1-hour/59-minute sleep and snooze. Radio has lighted dial plus AFC and ceramic filter for superior FM, 7.6cm speaker, earphone jack. 6.3 x 23 x 14cm. 12-1540 **59.95**

THE LATEST FEATURES AT THE LOWEST PRICES

Dual-Alarm Digital With Calendar

79⁹⁵

- Separate "His 'n Hers" Wake-Up Times
- Fluorescent Display with Hi/Lo Dimmer

Chronodate® -226. Not one, but two alarm times — wake to music, beeper alarm or both! Displays time with seconds, or month and date. Clock has snooze and sleep controls. Radio features 8.9cm speaker, lighted tuning dial, AFC and ceramic filter on FM, earphone jack, terminals for external FM antenna. 8.9 x 30 x 15cm.

12-153379.95



"Human-Engineered" Direct-Input Pushbutton Controls Simplify Operation

NEW FOR '84

64⁹⁵

- You Can't Buy an Easier-to-Use Clock Radio
- Green Fluorescent Display With Auto-Dimmer

Chronomatic-232. Thin-line front-panel controls make this our easiest-to-use clock radio ever! Features a top-mounted sensor-type snooze control, plus display indicators for a.m./p.m., sleep and alarm. 1-hour/59-minute sleep control. Lighted slide-rule dial, hi/lo tone switch and 7.6cm speaker. 5.7 x 24.1 x 13.9cm.

12-153964.95



Soft-Touch Controls for Easy Entry of All Functions

Our Lowest Priced AM/FM Waker-Upper



44⁹⁵

Chronomatic-236. Our lowest-priced model! Let this reliable bedside companion wake you to radio or "beep" alarm. Has snooze button, fast/slow time-set. Radio features 7.6cm speaker, IC circuitry, FM ceramic filter. 6.3 x 22 x 12.7cm.

12-154244.95

Budget-Priced and Feature-Packed



54⁹⁵

Compact—Fits Any Table or Shelf

Chronomatic-234. Doze off to radio for up to one hour and 59 minutes with auto-shutoff, wake to radio or buzzer. Hi/lo LED dimmer, p.m./wake indicators. AFC and ceramic filter on FM, earphone jack. 6.3 x 22 x 12.7cm. 12-154154.95

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TANDY STORES AND DEALERS DIRECTORY



SYDNEY:

*BANKSTOWN T60/61 Bankstown Sq.	709 6423
*BAULKHAM HILLS 7A Old Northern Rd.	686 1056
*BLACKTOWN Shop 42, Westpoint Shop Cntr.	621 2379
*BONDI JUNCTION 1st Fl, Cnr Oxford & Waverley Sts.	389 2545
*BROOKVALE 658 Pittwater Rd.	938 2778
*BURWOOD Shop 50, Burwood Plaza, Railway Pde.	74 6312
*CAMPBELLTOWN 79 Dumaresq St.	(046) 25 3524
*CAMPSIE Shop 7, 281-287 Beamish St.	789 5889
*CARLINGFORD Shop 65, Carlingford Court.	872 3397
*CASTLE HILL Shop 224, Castle Mall, Old Northern Rd.	680 2970
*CHATSWOOD Shop 15, Chatswood Centrepoint.	419 5896
*CROWS NEST Gnd Floor, Cnr Falcon & Alexander Sts.	43 0205
*DEE WHY 902 Pittwater Rd.	98 4096
*EASTWOOD 263 Rowe St.	858 3898
*EMERTON Emerton Village Ctr, Jersey Rd.	727 6470
*FAIRFIELD Shop 8, Westfield Shop Cntr, Smart St.	628 6673
*GLADESVILLE 309 Victoria Rd.	896 1442
*GORDON Shop 4, 9-11 St. John's Ave.	498 1916
*HORNSBY 28 Burdett St.	477 1673
*HURSTVILLE Shop 9/10, 309 Forest Rd.	570 3782
*LEICHHARDT Shop 67, Leichhardt Market Twn.	569 1098
*LEICHHARDT 371 Parramatta Rd.	560 1959
*LIVERPOOL Shop 3, 28 Railway St.	601 2753
*MACARTHUR Shop L34, Macarthur Sq. Shop Ctr, Campbelltown.	(046) 25 7102
*MANLY 39 Sydney Rd.	977 3889
*MASCOT Shops 1 & 2, 1105 Botany Rd.	693 1918
*MAROUBRA 2/699 Anzac Pde.	344 5683
*MARRICKVILLE 111 Marrickville Rd.	569 8048
*MERRYLANDS Shop 60/61, Stockland Mall, Cnr Pitt & McFarlane Sts.	637 4448
*MIRANDA Fountain Court Level, Miranda Fair.	525 3350
*MOOREBANK Shop 3, Liverpool East Shop Cntr, Stockton Ave.	602 4232
*MT. DRUITT 91 Kurrajong Avenue.	675 1440
*MT. DRUITT Shop 12/13, Mt. Druitt Sq. Shop Cntr.	625 7321
*NORTH ROCKS Shop 3, Westfield Shop town.	872 1859
*NORTH RYDE Shop 2, Macquarie Square Shop Cntr, Herring Rd.	887 1718
*NORTH SYDNEY 15A Nth Sydney Shop town, 77 Berry St.	436 3014
*PARRAMATTA 38 George St.	633 2218
*PARRAMATTA WEST Westfield Shop town.	633 2971
*PENRITH 401 High St.	(047) 31 6064
*PENRITH Shop 72, Penrith Shop Square, 585 High St.	(047) 32 2742
*RICHMOND Nelson Park Enterprises, Shop 2 Rear, 295-301 Windsor St.	(045) 78 4101
*ROCKDALE 460A Princes Hwy.	597 1126
*ROSELANDS Shop L33, Roselands Shop Ctr, Roselands Ave, Wiley Park.	750 6610
*ROSENHILLS Shop 21, Regional Cntr.	622 7507
*ST. MARYS Shop 3, 167-171 Queen St.	623 5878
*SYDNEY 367 Pitt St.	267 3959
*SYDNEY 127 York St.	267 1305
*SYDNEY Suite 2, Basement Level, Angel Arc, 119-123 Pitt St.	233 6118
*TOP RYDE Shop 79, Top Ryde Sq.	807 2520
*WARRIEWOOD Shop 33, Warriewood Shop Sq., Jacksons Rd.	913 1911
*WETHERILL PARK Shop 49, Stockland Town Centre, Polding St.	609 7471

N.S.W. COUNTRY:

*ALBURY 554 Olive Street.	(060) 21 6099
*ARMIDALE 119 Beady Street.	(067) 72 1848
*BATEMANS BAY Bay City Sight & Sound, 8 Annetts Arc.	(044) 72 5030
*BATHURST Sound of Music, 87 George Street.	(063) 31 4421
*BEGA Booths Auto Centre, 209 Carp Street.	(0649) 21114
*BOURKE Valco Distributors Pty. Ltd., 18 Richard St.	(068) 72 2816
*BROKEN HILL John Hart Electronics, 397 Argent St.	(080) 88 3148
*COFFS HARBOUR 37 Grafton Street.	(066) 52 2211
*CONDOLIN Condobolin Colourvision & Ser. P/L, 106 Bathurst St.	(068) 95 2368
*COOMA Hammill Electronics, 10 Bomball Street.	(0648) 2 3095
*COOTAMUNDRA Max Rudd Pty. Ltd., 151 Parker Street.	(062) 42 2692
*COWRA Martins of Cowra, 57 Kendal Street.	(063) 42 2821
*DENILIQUIN Simply Us, 148-168 Cressey Street.	(069) 53 2081
*DUBBO 33 Macquarie Street.	(068) 82 5011
*FORBES Hal Brenner & Sons P/L, 29 Rankin Street.	(068) 52 2894
*FORSTER Forster Photosound, Shop 36, Forster Shop Village, Breese Pde.	(065) 54 5006
*GOSFORD 42W Imperial Centre, Mann Street.	(043) 24 3392
*GOULBURN 200 Auburn Street.	(048) 21 5992
*GRAFTON 119 Pound Street.	(066) 42 4205
*GRIFFITH The Record Centre, 222 Banna Avenue.	(069) 62 1577
*GUNDEDAH Eather's Sports & Electronics, 166 Conadilly St.	(067) 42 2230
*INVERELL Stockman & Higgins, Jacks Arcade, Byron St.	(067) 22 1300
*KATOOMBA Conquest Electronics Pty. Ltd., 180 Katoomba St.	(047) 82 2491
*KEMPSEY Fry's Video-tronics, 52 Elbow Street.	(065) 62 4883

*LEETON Leeton Record Centre, 121 Pine Avenue.	(069) 53 2081
*LISMORE Decro Electronics, 3A-6-16 Carrington St.	(066) 21 4137
*LITHGOW Douroy Photographic Service, 150 Main St.	(063) 51 3173
*MINTO Shops 14-16, Minto Mall, Redfern Rd.	
*MOREE Phillip Jones & Co., 207 Balo St.	(067) 52 1306
*MOSS VALE Garnien Electronics, 502 Argyle St.	(048) 91 1786
*MUSWEGE Darryl Adams TV & Radio, 100A Church St.	(063) 72 1822
*MUSWELLBROOK Muswellbrook Electronics, Shop 24, Muswellbrook Market Place.	(065) 43 3172
*NARRABRI Northwest Printing & Office Supplies, 75 Maitland St.	(067) 92 1295
*NOWRA South Coast Organ Ser. The Village Cntr, Worrigee Street.	(044) 21 5552
*ORANGE 289 Summer Street.	(063) 62 4025
*PARKES Merv Griffin Radio, 183 Clarinda St.	(068) 62 2593
*PORT MACQUARIE Port Pharmacy, 36 Horton St.	(065) 83 1019
*SCONE Scone Electronics, 146 Kelly Street.	(065) 45 1483
*SINGLETON Gray's Electrical, 129 John St.	(065) 72 1611
*SHELLHARBOUR Square, Shop 49A & B, Lake Entrance Rd, Oak Flats.	(042) 96 5677
*TAMWORTH 32 Kable Avenue.	(067) 66 3574
*TAREE 234 Victoria Street.	(065) 52 3633
*TENTERFIELD Jeff Hollands Sports Store, 269 Rouse Street.	(067) 36 1140
*TWEED HEADS Shop S 5/2 Tweed Mall.	(075) 36 4357
*WAGGA 19 Bayliss Street.	(069) 21 4421
*WEST WYALONG Gunsports & Electronics, 103 Main Street.	(069) 7212 Ext 91
*WYONG Shops 311 & 312, Wyong Plaza, Alison Rd.	(043) 53 2551
*YASS John Warrington, 116 Comur Street.	(062) 26 1411

NEWCASTLE:

*ADAMSTOWN Shop D7, Garden City Shop Ctr.	(049) 52 4198
*CHARLESTOWN 193 Pacific Highway.	43 0651
*MAITLAND Shops 7 & 8, Pender Place Shop Centre, Cnr Church & Banfield Sts.	33 4982
*NEWCASTLE 788 Hunter Street West.	69 2207
*NEWCASTLE Shop 13, Market Square Shop town.	26 3073
*TORONTO Satellite Television Services Pty. Ltd., 2/60 The Boulevard.	59 1166

WOLLONGONG:

*FIGTREE Westfield Shoppingtown.	(042) 29 3176
*WOLLONGONG Shop 30, Crown Ctr, 200 Crown St.	(042) 28 4413
*WARRAWONG Shop 15, Warrarong Regional Shopping Centre.	(042) 74 3874

CANBERRA:

*BELCONNEN Shop 116, Belconnen Mall, Benjamin Way.	(062) 51 1139
*CANNBERRA City Shop 13, Plaza Level, The Boulevard.	49 8942
*FYSHWICK Cumberland Court, Wollongong St.	80 5530
*PHILLIP Upper Level Woden Shopping Square.	81 5995

MELBOURNE:

*AIRPORT WEST Shop 54, Airport West Shop town.	(03) 338 7642
*BENTLEIGH Shop 3, 385 Centre Road.	557 8117
*BLACKBURN NORTH Shop 38/39, Blackburn Square.	878 1568
*BORONIA Boronia Village.	762 5050
*BOX HILL Shop 30, Whitehorse Plaza Shop Centre.	898 2343
*BRANDON PARK Brandon Park Shop Ctr, 608 Ferntree Gully Rd, Mulgrave, Glen Waverley.	561 3574
*BROADMEADOWS Shop 34, Meadow Fair, Pascoe Vale Rd.	509 5265
*BRIGHTON NORTH 335 Bay Street.	596 3985
*CAMBERWELL 662 Burke Road.	82 8297
*CHADSTONE, Chadstone Shop Ctr, 1341 Dandenong Rd.	568 1581
*CHELTENHAM 20 Station Road.	584 4871
*CHIRNSIDE PARK Shop 717, Chirnside Park Shop Ctr, Lilydale.	726 5338
*CLAYTON 331 Clayton Road.	544 6169
*COBURG 61 Waterfield Road.	354 3478
*DANDENONG Shop 1, 12/16 McCrae Street.	791 6972
*DEER PARK Shop 68, Deer Park Shopping Centre.	363 6015
*DONCASTER Shop 76, Westfield Shoppingtown, Doncaster & Williams Roads.	848 9121
*ELSTERNWICK Shop 2, 486 Glenhuntly Road.	528 6887
*FOOTSCRAY 118 Hopkins Street.	68 4493
*FOREST HILL 37 Mahoneys Road.	877 6797
*FRANKSTON Shop 1A, Cnr Beach & Olsen Streets.	781 1527
*GREENSBOROUGH Shop 73, Greensborough Shop Ctr, Main St.	434 5822
*KEYSBOROUGH Parkmore Shopping Centre.	798 5099
*KNOX CITY Shop 103A, Knox City Shop Centre, Cnr Burwood Hwy & Stud Rd.	221 6050
*MARIBYRNONG Shop 3, Highpoint Shop Ctr, Rosamond Rd.	318 5077
*MONEE PONDS 22 Holmes Road.	370 5039
*MOORABBIN 'Moorabbin Link' Cnr Nepean Hwy & Redholls St.	553 3573
*MELBOURNE 272 Lonsdale Street.	663 3193
*MELBOURNE 284 Bourke Street.	663 2361
*MT. WAVERLEY 9 Hamilton Place.	277 0551
*MULGRAVE Shop 10.1 & 10.2 Waverley Gardens Shop Ctr.	547 0898
*NARRE WARREN Shop 34/35/36A, Fountain Gate Regional Shop Ctr, Margaret Drive.	704 6698
*NORTHCOTE Northcote Arcade, 329 High St.	489 6532
*PORT MELBOURNE 297 Bay Street.	64 3571
*PRESTON 251 Chapel Street.	51 2111
*RAHON 312 High Street.	478 3462
*RINGMOND 416 Bridge Road.	428 2997
*RICHWOOD Target Square, Cnr New & Whitehorse Rd.	879 3424
*SUNSHINE 17 Dickson Street.	311 8711

*SPRINGVALE Shop 2/288, Springvale Road.	547 8451
*ST. KILDA Shop 2, 149 Acland Street.	534 4113
*VERMONT SOUTH Shop 24, Vermont South Shop Ctr.	233 4213
*WATSONIA Shop 6, Diamond Village Shop Ctr.	435 0152
*WERRIBEE The Werrabee Photo Shop, 76 Watton St.	741 7089

VIC COUNTRY:

*ARARAT Ararat Motorcycles, 4 Ingor St.	(053) 52 1978
*BAIRNSDALE Kel Magree Pharmacy, 16 Bailey St.	(051) 52 4048
*BALLARAT 65 Bridge Street Mall.	(053) 31 4913
*BENALLA Benalla Electronics & Music Centre, 61 Garner St.	(057) 62 4155
*BENDIGO Shop 19, Fountain Plaza, View Point.	(054) 42 3035
*COBEN Cobden Pharmacy, 43 Curdie Street.	(055) 95 1057
*COLAC Uniparts Centre, Colac, 210 Murray St.	(052) 31 2359
*CORIO Shop 17, Corio Village Shop Ctr.	(052) 75 2348
*ECHUCA Webster Electronics, 220 Pakenham St.	(054) 82 2956
*GEELONG 171-181 Moorabool Street.	(052) 9 8731
*HASTINGS Fred Baynes, Guardian Pharmacy, 47 High Street.	(059) 79 1513
*HORSHAM Lindsay Smith Radio, 84 Firebrace St.	(053) 82 1042
*KERANG Kerang Amcal Pharmacy, 28 Victoria St.	(054) 52 1010
*KYABRAM Gorr's Pharmacy, 174 Allan Street.	(058) 52 2186
*MILDURA Unipart Centre, 48 Marden Avenue.	(050) 23 2882
*MORNINGTON Rattray & Walker P/L, Mornington Shop Village.	(059) 75 4425
*MORWELL Shop 36, Midvalley Shop Centre, Princes Highway.	(051) 34 6060
*MORWELL Turpin & Wilson, 47 Buckley St.	(051) 34 2453
*PAKENHAM Pakenham Photo & Art Centre, Shop 4, 130 Main St.	(059) 41 1562
*PORTLAND Jasse Electronics, 39 Julia St.	(055) 23 1179
*ROSEBUD Bayne & Trembath, Guardian Chemist, 3 Bono Rd.	(059) 86 8288
*RYE Rattray & Walker (Vic) P/L, Peninsula Ave.	(059) 85 2247
*SALE W. D. Leslie Pty. Ltd., 363-375 Raymond St.	(051) 44 2677
*SEALAKE Stubbs Newsagency, 54 Best Street.	(050) 70 1030
*SHEPPARTON 154/6 High Street.	(058) 21 1796
*SUNBURY Smit's TV and App. Service P/L, 44 Gap Road.	(037) 44 1355
*SWAN HILL Dunoon The Chemist, 211 Campbell St.	(050) 32 2838
*TRARALGON Grants Pharmacy, 103 Seymour St.	(051) 74 3000
*WARRNAMBOOL The Unipart Centre, 160A Korolt St.	(055) 62 7417
*WARRAGUL James Discount Lighting, 74 Smith St.	(056) 23 6544
*WONTHAGGI Sth Gippsland Photo Fin. Services, 72 McCride Ave.	(056) 72 1749

BRISBANE:

*BRISBANE CITY 381 Adelaide Street.	(07) 229 5133
*BROOKSIDE Shop 17, Brookside Shop Centre, Osbourne Rd., Mitchelton.	355 6860
*CANNON HILL Shop 20, Galaxy Plaza Shopping Centre.	390 6619
*CARINA Shop No. 7A, Carindale Shop Ctr, Creek Rd.	398 9063
*CHERMISIDE Shop 17, Chermiside Shop Centre.	59 7180
*FORTITUDE VALLEY 191 Brunswick St.	52 4036
*INDOROOPILLY Shop 124, Indoroopilly Shop town.	378 8590
*LUTWICHE Cnr Bradshaw St & Lutwyche Road.	57 3214
*MT. GRAVATT Shop 4, 1961 Logan Road, Upper Mt. Gravatt.	343 5796
*MT. OMMANEY Shop 20, Centenary Shop Ctr.	376 3434
*REDCLIFFE Shop 12, Sutton Centre, Sutton St.	284 8476
*STRATHPINE Shop 34/35, Westfield Shop town, Learmonth St.	205 6169
*SUNNYBANK Shop 27A, Sunnybank Plaza Shop Ctr, Sandgate Rd.	543 5239
*TOOMBUL Shop 10G, Westfield Shop town, Sandgate Rd.	266 9831
*WOODBRIDGE Shop 26, Woodridge Plaza, Wembley Rd.	208 0093
*WOOLLOONGABBA Cnr Catherine St & Annerley Rd.	391 7628
*WYNNUM 108 Edith Street.	396 6979

QLD COUNTRY:

*AYR Brandon & Muspratt Services, 1/143 Edward St.	(077) 83 2902
*BEENLEIGH Beenleigh Pharmacy, 117A City Rd.	(07) 287 2554
*BROADBEACH Shop 94, Pacific Fair Shop Ctr, Hooker Boulevard.	(075) 50 2144
*BUNDABERG Shop 9, Sugarland Shop town.	(071) 72 4122
*CABOOLTURE Custom Computer Services, Cnr. King St & Beerburum Rd.	(071) 96 4344
*CAIRNS AAB Equipment P/L, Shop 41, Earlville Shop town.	(070) 51 1795
*CALOUNDRA Hume's Electro-Mart, 9 Tay Avenue.	(071) 91 4270
*CANNON VALE Coastal Computer Service, Shop 5, Mountain Valley Shops, Shute Harbour Rd.	(079) 46 6854
*CHARLEVILLE Charleville Body & Radiator Works, 79 Galatea St.	(074) 5911 Ext 406
*CHARTERS TOWERS Inland Electronics, 129 Gill St.	(077) 87 2026
*DALBY Universal Services, 76 Cunningham St.	(074) 62 3228
*EMERALD Emerald Electrical P/L, Cnr Anakie St. & Clermont St.	(079) 82 1821
*GATTON Cooks Electrical, Gatton Shop Ctr, Spencer St.	(075) 62 1686
*GAYNDAH Grants Electrical, 21 Meson St.	(071) 6911 Ext 94
*GLADSTONE 29 Tank Street.	(079) 72 1761
*GYMPIE Gympie Musicland, 50 Mary St.	(071) 82 3226
*INGHAM Strange The Printer, 1 Haig St.	(077) 76 2761
*IPSWICH 33 Nicholas Street.	(071) 281 6733
*KARUMBA B & B Supermarkets, 3 Yappar St.	(077) 45 9188
*KINGAROY Kingaroy Discounts, 180 Kingaroy St.	(071) 62 1544
*MACKAY 'Chaseley House', 7 Sydney St.	(079) 51 2889
*MAROOCHYDORE Sunshine TV, 62 Aerodrome Rd.	(071) 43 1611
*MARYBOROUGH Kingston Pharmacies, Maryborough Bazaar Shop Ctr.	(071) 22 1099

- *MT. ISA** Outback Electronics, 71 Barkly Highway . (077) 43 3475
***NAMBOUR** Hayne & Perrin Pharmacy, 65 Currie St. (071) 41 1322
***ROCKHAMPTON NORTH** Webbers Discount House, K-Mart Plaza (079) 27 6544
***ROCKHAMPTON** Cnr. East & William Sts (079) 27 7500
***ROMA** Barry McCabe Chemist, 84 McDowall St. (074) 22 2211
***ST. GEORGE** St. George TV Hire Service, 97 Victoria St. (076) 4911 Ext 456
***SOUTHPORT** Shop K6, Sundale Shop Ctr (075) 32 5353
***TEWANTIN** Shawford P/L, Shop 1, Lakeside Shop Ctr. (071) 49 7601
***TOOGUOLAWAH** Alan Roughan Chemist, 89 Cressbrook St. (075) 83 1341
***TODOWOMBA** 135 Margaret Street (076) 32 7807
***TOWNSVILLE** Sun City Electronic & Computer Ctr, 611-613 Flinders St. PO Box 5095 MSO (077) 72 5499
***WARWICK** Audivision, 54 Palmerin St. (076) 61 3131
***WEIPA** Cape York Pharmacy, Nanum Ctr (070) 73 3412
- ADELAIDE:**
***ADELAIDE** 94 Gawler Place (08) 223 3842
***ADELAIDE SOUTHERN CROSS**, 52-62 King William St. 212 7007
***BLACKWOOD** Shop 4, Shepherds Crt. Shepherds Hill Rd 278 6292
***BRIGHTON** 525 Brighton Road 298 7130
***COLONNADES** Shop 8-11 Colonnades Shop Ctr, Noarlunga 384 3752
***CHRISTIES BEACH** 27 Beach Road 382 3757
***FINDON** Shop 1/2-127, Findon Road 268 2364
***GILLES PLAINS** Shop 12/13, Gilles Plains Shop Ctr 261 8334
***GLENELG** 42-44 Jetty Road 295 4181
***GLEN OSMOND** 401 Glen Osmond Road 79 1446
***MARION** Shop 143, Westfield Shop 'town, Cnr Strut & Diganol Roads, Oaklands Park 298 1167
***MODBURY** Shop 11, Tea Tree Plaza Shop Ctr, 984 Main North East Rd. 264 1214
***NORWOOD** 252 The Parade 31 313C
***PORT ADELAIDE** Port Mall Shop Ctr, 176 St. Vincent St 47 8875
***PROSPECT** Shop 35, Northpark Shopping Centre 269 3738
***SALISBURY** Shop 6, Parabanks Shopping Centre 258 6266
***ROSEWATER** 156 Grand Junction Road 47 6180
***UNLEY** 129 Unley Road 272 6313
***WESTLAKES** Westlakes Mall 356 9629
- S.A. COUNTRY:**
***CEDUNA** Spry's Retravisson Electrical & Furniture 50 Poynton Street (086) 78 2347
***GAWLER** Harorge Gift Centre, 94 Murray St. (085) 22 1543
***KADINA** Kadina Auto Supplies, 15 Graves St. (088) 21 1188
***KARADOO ISLAND** Sight & Sound, Shop 2, Queenscliffe Shop Village, Dauncey St., Kingscote (0848) 2 2599
***LOBETHAL** Pay 'n Pak, 73 Main Street (083) 89 6065
***LOXTON** Rivergrowers Co-op. Ltd., East Terrace (085) 84 7776
***MT. GAMBIER** Unipart Centre, Shop 17 Odeon Plaza, Cnr. James St & Elizabeth St. (087) 25 6383
***MURRAY BRIDGE** LMI Pty. Ltd., 6 South Terrace (085) 32 1880
***PORT AUGUSTA** Young & Gordon Pty Ltd, 9 Commercial Rd. (086) 42 2133
***PORT PIRIE** Smiths Electrical, 82-84 Ellen St. (086) 321 808
***PORT LINCOLN** Lincoln TV Service, 22 Liverpool St. (086) 82 2606
***VICTOR HARBOR** Victor Hardware Co., 70 Victoria St. (085) 52 2085
***WHYALLA** 37E Patterson Street (086) 45 9144
- PERTH:**
***BELMONT** Shop 17, Belmont Village Shop Ctr. Belmont Ave. (09) 478 1664
***CANNINGTON** Shop 77, Carousel Shop Ctr. Albany H'way 451 2174
***COTTESLOE** Grove Plaza, Stirling Highway 383 2279
***EAST VICTORIA PARK** The Park Centre, Albany H'way 361 1791
***FREMANTLE** Shop 1, 59 High Street 335 4131
***GARDEN CITY** Shop 77, Garden City Shop Ctr., 12 Riseley St, Booragoon 364 8202
***INNALOO** Shop 35, Innaloo Shopping Centre, Scarborough Beach Road (09) 446 8392
***KARRINYUP** Shop 21, Karrinyup Shop Ctr 446 2422
***MADDINGTON** Shop 28, Maddington Plaza 459 7045
***MIDLAND GATE** Shop 34, Midland Gate 274 2000
***MIRROBEEK** Shop 19, Mirrobooka Shop Ctr 344 1549
***PERTH** 208 Beaufort Street 328 6503
***SUBIACO** 169 Rokeby Road 382 1900
***WHITFORD** City Shop 15A, Whitford City Shop Ctr 401 8063
- W.A. COUNTRY:**
***BROOME** Vision on Electronics, Cnr Frederick & Hamersley St (0per) 92 1688
***BUNBURY** Shop 5A, Bunbury City Plaza, Spencer St (097) 21 7011
***BUSSETT** McCays of Bussetton, 40 Prince St (097) 52 1355
***CARNARVON** Pindarra Gift Shop, 32A Robinson St (099) 41 1802
***ESPERANCE** Esperance Toyworld, 12 Andrew St (091) 71 2504
***GERALDTON** Geraldton TV & Radio Services Co. 20-26 Anzac Tce (099) 21 2777
***HARVEY** C. L. Squire & Co., 94 Uduc Road (097) 29 1327
***KALGOORLIE** Todays Electronics, 75A Hannon St (091) 85 1984
***KARRATHA** North West Audio Centre, Morse Court (091) 85 1984
***MANDURAH** Lance Rock Retrieval, 6 Sholl St (095) 35 1246
***MERREDIN** Pharmacy 94, 94 Barrack Street (090) 41 1653
***NARROGIN** Westparts, 32 Egerton Street (098) 81 2422
***NEWMAN** Newman Appliances, Hilditch Ave. Shopping Centre (091) 75 1565
***NORTHAM** Stewart's Pharmacy, 92 Fitzgerald St (096) 22 1008
***PORT HEDLAND** Vision On, 30 Anderson Street (091) 73 1020
***ROCKINGHAM** T. V. Joe, 33 Rockingham Road (095) 27 1806
***TWO ROCKS** Yanchep Sun City Hardware & Sports, Shop 7, Town Centre Linstead Ave (095) 61 1063
***WONGAN HILLS** Wongan Central Electronics, 14 Elphin Crescent (096) 71 1087
- TAS:**
***BURNIE** Hilder Business Equipment P/L., Shop 20, Plaza Arcade, Mount St (004) 31 2655
***BELLERIVE** Shop G28, Eastlands Shop Ctr 44 6300
***GLENORCHY** Shop 9 & 10, Glenorchy Central Shop Ctr 72 1601
***HOBART** 123 Liverpool Street (002) 31 0212
***LAUNCESTON** Cnr of York St & Charles St (003) 31 8942
- N.T.:**
***ALICE SPRINGS** Ascom Electronics, 76 Hartley St. (086) 52 1713
***DARWIN** Pitzners Music House, 40 Smith St. (089) 81 8508
- *GOVE** Sonovision, Endeavour Sq. Town Centre, Nhulunbuy (089) 87 1155
***GROOTE EYLANDT** L & S Koelman, Shop 3, Alyangula Arcade, Alyangula
***LEANYER** Windsor Music, Shop 16, Hibiscus Shop town, (089) 27 4290
***TENNANT CREEK** Tennant Creek Newsagency, Paterson St (089) 62 2664
- COMPUTER CENTRES:**
NSW: ***BANKSTOWN** Cnr Brandon Ave. & Chapel Rd. (02) 707 4611
***CROWS NEST** 1st Floor, 12-14 Falcon St. (02) 438 2900
***RYDALMERE** 267 Victoria Road (02) 638 7055
***SYDNEY CITY** 81 York Street (02) 29 3958
ACT: ***CANBERRA** Shop 1 & 2, Ground Floor, South Tower, Caga Centre, 38 Akuna St. (062) 47 0322
QLD: ***BRISBANE** 301 Wickham St, Fortitude Valley (07) 52 9000
VIC: ***MELBOURNE CAMBERWELL** 662 Burke Rd (03) 82 8293
***MELBOURNE CITY** 284 Bourke St (03) 663 3091
***MOORABBIN** "Moorabbin Link", Cnr Nepean Hwy & Redholme St (03) 553 3299
SA: ***ADELAIDE** 240 Morphett St (08) 51 9020
WA: ***PERTH** 208 Beaufort St (09) 328 4122
***SUBIACO** 169 Rokeby Rd (09) 382 1900
- COMPUTER DEPARTMENTS**
NSW: **GOSFORD:** 42W Imperial Ctr, Mann St, Gosford (043) 24 3822
HORNSBY: 28 Burdett Street (02) 476 3287
LIVERPOOL: Shop 3, 28 Railway St. (02) 601 2636
MIRANDA: Fountain Court Level, Miranda Fair (02) 526 1104
MT. DRUITT: 91 Kurrajong Avenue (02) 69 1696
NEWCASTLE: 788 Hunter Street West (049) 27 1033
NORTH RYDE: Macquarie Centre, Herring Road (02) 887 1714
PENRITH: 401 High Street (047) 21 4930
WOLLONGONG: Shop 30, 200 Crown Street (042) 298 8533
SA: **MARION:** Shop 143, Westfield Shop 'town, Cnr Strut & Diagonal Rds, Oaklands Park (08) 298 8533
MODBURY: Shop 11, Tea Tree Plaza Shop Ctr, 984 Main Nth East Rd (08) 264 1214
VIC: **BALLARAT:** 65 Bridge Street Mall (053) 31 7064
DANDENONG: 12 McCrae Street (03) 793 4777
DONCASTER: Shop 76 Westfield Shop 'town, Doncaster & Williams Roads (03) 848 9221
FRANKSTON: Shop 2, Cnr Beach & Olsen Sts (03) 811 1049
GREENSBOROUGH: Shop 73, Greensborough Shopping Centre (03) 434 5022
MARIBYRNONG: Shop 3, Highpoint Shop Ctr (03) 318 5077
QLD: **BRISBANE:** 381 Adelaide Street (07) 229 4042
CHERMESIDE: Shop 17, Chermeside Shop Ctr (07) 59 4580
INDOOROOPIILL: Shop 124, Indooroopilly Shoppingtown (07) 378 8674
PACIFIC FAIR: Pacific Fair Shop Ctr, Hooker Bldve (075) 50 2739
TAS: **HOBART:** 123 Liverpool Street (002) 31 0250
WA: **FREMANTLE:** Shop 1, 59 High Street (09) 335 4131

Save Up To 40% — Buy In Quantity From Tandy

For premiums, sales promotions, educational and institutional needs. Quantity buyers and purchasing agents can get big savings off Cat. No.197 regular "each" prices. Terms: NET 30 days, FOB Tandy store nearest you.

DISCOUNTS TO BE TAKEN OFF SINGLE-PRICES—ITEMS MAY NOT BE ASSORTED (EXCEPT VALVES)

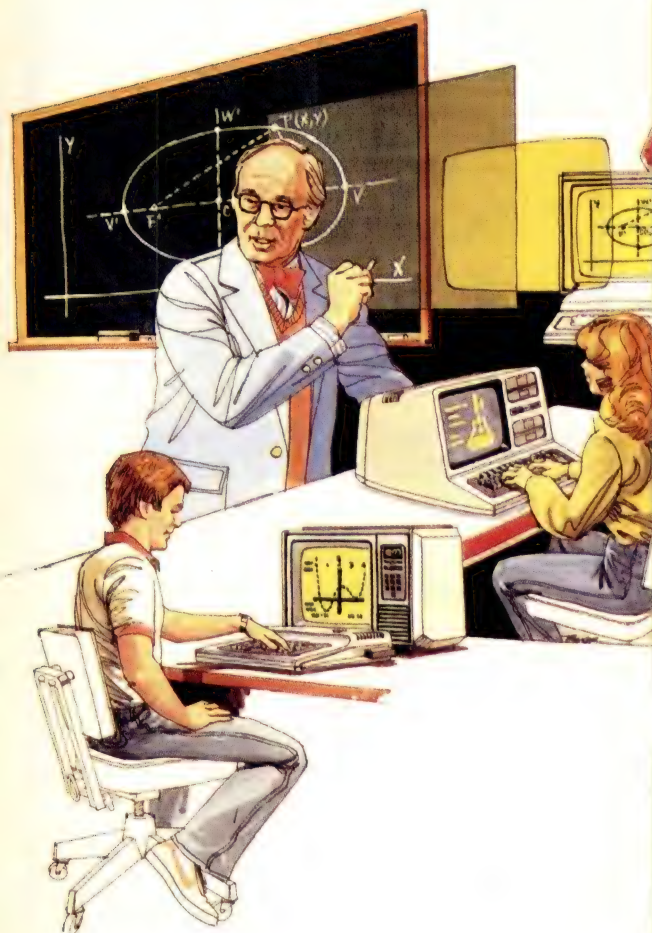
Equipment	6-11	12-49	50-499	500-up
Antennas, TV/FM	10%	15%	20%	25%
Audio Components (Receivers, Amplifiers, Tuners, Speakers, Headphones, Frequency Equalizers)	10%	15%	20%	25%
Audio Accessories	—	15%	25%	33%
Auto Tape Players, Radios, Accessories	10%	15%	20%	25%
Batteries (Radio Shack Brands)	—	10%	20%	30%
Batteries (Other Brands)	5%	7%	10%	20%
Books	10%	20%	25%	33%
Calculators	5%	10%	15%	20%
CB Transceivers (Base, Mobile, Walkie-Talkies)	10%	15%	20%	25%
CB Antennas, Accessories	—	10%	15%	20%
Coax/Telephone Wire (100 - 150m Rolls Only)	10%	12%	15%	20%
Computer Software, Accessories, Supplies and Books	10%	15%	17%	20%
Pocket Computers, Color Computers, Model 100, Printers, Peripherals	5%	10%	15%	20%
Model 4 Cassette Computer	5%	7%	10%	15%
Model 4 Disk Computer	5%	10%	(See Store Manager for Quantities Over 20)	
Model 12 & 16 Computers	5%	10%	15%	20%
Electrical Accessories	5%	7%	10%	20%
Electronic Components	—	10%	25%	33%
Electronic Games/Space Patrols	5%	10%	12%	20%
Intercoms	10%	15%	20%	25%
Kits (Science Fair and Archerkit)	5%	10%	15%	20%
Microphones	10%	15%	20%	25%
PA Equipment (Electronic)	10%	15%	20%	25%

Equipment	6-11	12-49	50-499	500-up
Phonos (Compacts)	5%	10%	15%	20%
Radios (Clocks, Portable, Stereo, Novelty)	7%	12%	17%	20%
Radio-Controlled Toys	5%	10%	12%	20%
Scanners, Communication Receivers	10%	15%	20%	25%
Security Devices	7%	12%	20%	25%
Speakers (unmounted)	10%	15%	20%	25%
Tape Recorders and Players	7%	12%	17%	20%
Tape, Recording (Audio)	(See Pages 36 - 37)			
Tape, Recording (Video)	15%	20%	25%	35%
Tape Accessories	—	10%	20%	25%
Telephones (Dialers, Answerers)	7%	12%	17%	25%
Telephone Accessories	—	10%	25%	33%
Test Equipment	10%	15%	20%	25%
Treasure Finders, Clocks, Watches, Tools and Hardware	5%	7%	10%	20%
Valves	10%	15%	25%	33%
Video Accessories	—	10%	20%	25%

All Prices and Terms Optional in Dealer/Stores.
Prices Subject to Change Without Notice.

TANDY'S CONTINUING COMMITMENT TO EDUCATION

Bring the Full Potential of TRS-80® Microcomputing to Your Classroom



The impact of computers on education has become even more apparent in Australian schools. Tandy has continued to offer better and more powerful software for classroom and home use. Today, TRS-80 is acknowledged as having the most comprehensive library of field-tested and proven educational software available anywhere. Most of the world's major educational publishers (including Walt Disney and Childrens' Computer Workshop) have agreements with Tandy to produce high

quality, educationally sound software for TRS-80 owners. Through "Australia's Educational Challenge" we're helping introduce teachers to the benefits of computers in schools **at our expense**, and explaining how computers can enhance the learning process for children.

Courseware, training courses and specially designed hardware such as our Network Controllers are just part of Tandy's constant updating to meet the needs of Educators across Australia.

**Direct enquiries to your local Computer Centre or Education Division,
91 Kurrajong Avenue, Mt. Druitt — Phone: (02) 675 1222.**

Tandy's Special Marketing and Contract Marketing Services

Our National Marketing Division provides for the special needs of large Corporations, quantity buyers and software system houses (O.E.M.'s). We'll help solve your Company's computer application and communication needs — including employee training! Specific applications seminars for word processing, spread-

sheet analysis and electronic filing can be arranged at any of our Computer Centres Australia-wide. We'll even tailor sessions for the needs of your particular Company, including Executive Workstation Seminars, introducing non-computer people to the benefits of what computers do and how they increase productivity.

**Direct enquires to your local Computer Centre or National Marketing Division,
91 Kurrajong Avenue, Mt. Druitt — Phone: (02) 675 1222.**

Agricultural Applications

Tandy has a complete Farm Management Program using proven, reliable software specially customised for the "man on the land". Activity in this area is continually being increased with a National Co-ordinator based at our Head Office.

**Direct enquiries to your local Computer Centre or Agricultural
Marketing Division, 91 Kurrajong Avenue, Mt. Druitt — Phone (02) 675 1222.**

Three Great Business Opportunities

1. TANDY CAREERS IN RETAIL MANAGEMENT Become a part of the fastest growing operation in Australia

If you have the ability, desire and are willing to work at achieving maximum sales and profitability, managing a Tandy Electronics store or a Tandy Computer Centre may be just the opportunity you've been looking for. Due to our continuing growth, new Manager Trainees are needed right now. There are vacancies in a number of excellent market areas. If you consider yourself to possess the necessary requirements, there's a real and exciting opportunity for advancement with Tandy!

2. CONTRACT MANAGEMENT PROGRAM Run a Store and Share the Profits It's Different — Not a Franchise

If you have the ability, desire and are willing to work at achieving maximum sales and profitability, managing a Tandy Store under this management program may be for you!

Both new and existing locations are available in a number of lucrative market areas.

A security Deposit of approximately \$30,000 is required. Be part of an aggressive motivated and experienced company with a famous and exclusive product line, professional national and local advertising. A successful firm devoted to quality, service and Customer Satisfaction.

3. DEALER PROGRAM Now you can add extra Profit, Traffic, Volume to your established retail store and get the best of both worlds!

Our Dealer Program is a proven way to increase retail sales and profits. Choose the famous Tandy products you want to add to your line — and keep your own identity! If you have a successful store (hardware, furniture, appliance, jewellery, photo, chemist, etc.) in a country town contact us NOW. A minimum investment covering inventory and start-up costs can begin a rewarding association with Tandy, a leader in home entertainment and electronics!

Write to The National Sales Manager, Tandy Australia Limited, 91 Kurrajong Avenue, Mt. Druitt, N.S.W. 2770

MAKE TANDY YOUR TELEPHONE COMPANY

Tandy Handy Phone

49⁹⁵



Complete With Wall Bracket



Compact design features electronic pushbutton dialling, last number redial button, 'mute' for private off-phone conversation. Complete with 12 month warranty and bonus wall bracket. Telecom Permit C81/30/17. **43-9605 49.95**

Princess Telephone

99⁹⁵



Smartly Styled for Any Room



Designed as a table or desk top unit, with 9-number (16 digit maximum) memory, pushbutton dialling, redial, 'mute' button, 12 month warranty, 1.8m coiled cord, 2.1m base cord. Telecom Permit C82/33/153. **43-9606 99.95**

Tandy Cordless Phone

299⁹⁵

- Powerful 150m Range
- 12 Month Warranty



This cordless phone gives convenience and makes you accessible to those important calls. Cordless phones will be the standard of the future. The handset range is 150m from the base station, ensuring freedom of movement. Handset has 'mute' button, automatic last number redial, LED indicators, volume control, pushbutton dialling. Simply install by connecting base station to any AC power point and existing socket. Telecom Permit C83/35/03. **43-9607 299.95**

TANDY HAS YOUR NUMBER IN AUTO-DIALER PHONES

Deluxe Auto Dialer/Telephone/Amplifier

199⁹⁵

- Auto-Dialer With 16-Number Memory
- Two-Way Amplifier, Privacy Button
- Works As a Standard Telephone

DUoFONE-16. Total calling convenience in an "all-in-one" telephone! Store up to 16 frequently called numbers for instant, one-button dialing. Each of the 16 memory buttons has a 15-digit capacity — numbers exceeding 15 digits are storable by storing a smaller total number, important for overseas calls. A battery powered backup system maintains all numbers stored in the memory if you need to unplug the phone. Built-in two-way amplifier and on-hook dialing let you have hands free conversations. "Privacy" button turns off the built-in mike when using the amplifier so the other party can't hear you. And, the Universal Dial system works with rotary dial lines so you always have push-button calling convenience. 9.3x21.9x24.9cm. Requires 4 "AA" batteries for memory protection. For single-line use only. 43-290 199.95

Telecom Permit #C82/34/36

Two-in-One Telephone With 16-Number Auto Dialer

169⁹⁵

- Universal Dial System and Auto-Redial
 - Store Up To 16 Numbers in Memory for Instant Use
- Modern Styling Looks Great in Any Environment

DUoFONE-10. This combination telephone/automatic dialer is a valuable addition to any home or office. Stores up to 16 phone numbers of up to 15 digits (or more, if you store fewer than 16 numbers) in memory so you have instant, accurate one-button dialing of frequently called or emergency phone numbers. Universal Dial System gives you pushbutton convenience on any rotary line, and Auto-Redial lets you redial the last number called if it was busy or didn't answer. Requires 4 "AA" batteries for memory protection when disconnecting phone to move to another location. 8.8x13.9x25.4cm. For single-line use only. 43-291 169.95



IDEAL FOR HOME AND OFFICE



Telecom Permit #C82/33/66

Portable Phone Listener

Easy Hook-up —
No Wiring
Required

13⁹⁵

Amplifies incoming calls so others can listen in. Suction cup pickup coil attaches/detaches easily. Volume control. Requires 9V battery. 5.0x7.6x12.0cm. 43-231 13.95

Portable Hand Directory

9⁹⁵



Forward or reverse electric drive finds any of 390 names. 13.0x9.5x2.8cm. Requires 2 "AA" batteries. 43-112 9.95

Stick-On Phone Pen

1²⁹

Adhesive-mount back attaches easily to telephone or other smooth surface. 43-110 1.29

TANDY'S TWO-TAPE ANSWERING MACHINES

STILL AT AN INCREDIBLE \$149.95



DUOFONE TAD-110. Our lowest-priced answerer. Simple to operate features easy, two-lever operation. Fast-forward lets you quickly bypass unwanted material on the tape. Ringer-adjust feature sets the number of rings you want to allow before the system answers. Call-Monitor lets you screen incoming calls when you're at home. LED indicators for power-on and call-received. With built-in condenser mike for recording announcement tapes. 7 x 22.2 x 15.2cm.
43-245 149.95

Telecom Permit #C82/16/71

**STILL AT
1983
CAT. PRICE**



Check on home messages from work...



on office calls when away on business...



or just keep in touch at anytime!

149⁹⁵



**Complete
Two-Tape
Answering
System**

**Never Miss Another Call!
Records Up to 40 Incoming
Messages on Cassette Tape**

Dual-Cassette Phone Answerer with Remote Control

- Microprocessor Controlled
- Monitor Feature Lets You "Screen" Incoming Calls

399⁹⁵



Remote control lets you play back calls through any phone and reset for more!

Telecom Permit #C80/16/80

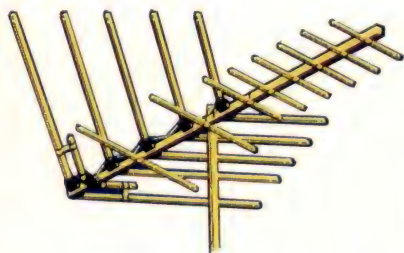
DUOFONE TAD-26. Don't miss important phone calls! Easy-to-install, answers with your own 20-second announcement, then records caller's message for up to 30-seconds. Call your own number from any phone and receive your messages by remote control. With plug-in mike. Works with rotary dial or pushbutton systems. Adjustable to answer in one to five rings. Attractive moulded woodgrain cabinet. 22.2 x 29.8 x 7.9cm.
43-9259 399.95

Extra Announcement and Message Cassettes

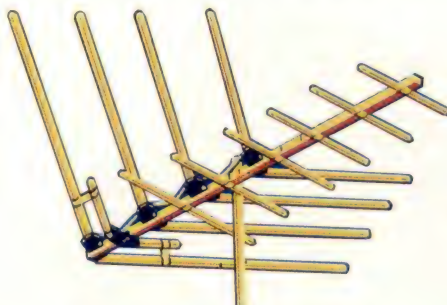
Type	Recording Time	Cat. No.	Each
Outgoing	15 sec.	43-403	7.99
Outgoing	20 sec.	43-401	7.99
Outgoing	30 sec.	43-402	7.99
Outgoing	45 sec.	43-404	7.99
Incoming	60 min.	43-410	4.99

ARCHER® QUALITY COLOUR TV RECEPTION

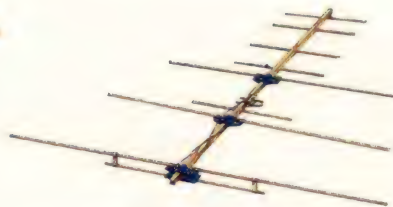
2 Antennas in 1 — VHF/FM



18-Element "Super Fringe".
15-9551 89.95



14-Element "Metropolitan".
15-9550 79.95



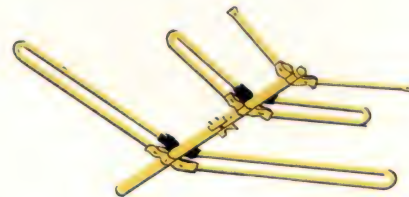
11-Element "Super Colour".
15-2002 59.95



9-Element "All Rounder".
15-9549 54.95

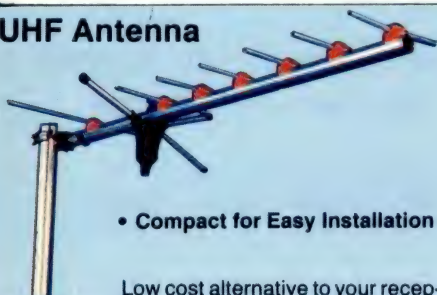


6-Element "Inner Metropolitan".
15-9548 44.95



3-Element low cost "Array".
15-9547 34.95

UHF Antenna



- Compact for Easy Installation

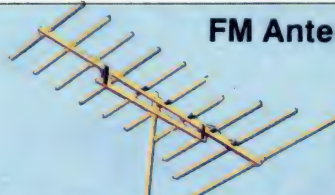
24⁹⁵

Low cost alternative to your reception troubles. Better visibility. With high gain between 5 and 10 dB.
15-9690 24.95

THE UHF STORY!

Basically there is no reason for most people to worry about UHF. UHF only caters for a special category of viewers. Generally the VHF signal can be received by a wide cross section of the viewing public, largely due to the characteristics of the frequency. Still, there remain pockets where TV reception remains poor or non-existent. It is because some areas cannot adequately receive the VHF bands that the UHF band was introduced. Unlike VHF, which has a greater degree of deflection, UHF is essentially a "line of sight" signal. So where VHF could not adequately cover an area, translator stations (which convert the signal to the higher frequency and direct the signal straight to the otherwise shadowed area) have been established. Tandy's range of UHF antennas are especially designed for Australian conditions and will dramatically enhance your reception if you fall into a translator station's beam. So if you were previously unable to receive VHF but now are covered by UHF or simply wish to enhance your UHF reception, talk to Tandy and we'll help to clear the picture.

FM Antennas



74⁹⁵

Stereo Supreme Directional — for long range. 10-elements for multipath rejection.
15-1638 74.95



44⁹⁵

Triple Driven 6-Element Directional. Full gain to bring in distant stations clearly and strongly.
15-1636 44.95



24⁹⁵

Omnidirectional (Attic/Outdoor). "S" design brings in all stations from all directions.
15-546 24.95

3 Antennas in 1 — VHF/UHF/FM



79⁹⁵

- 12 Snap-Out Elements

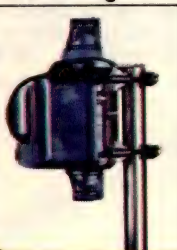
High tensile aluminium for weather resistance and long life. Receive a strong, clear signal for VHF and FM bands. UHF elements incorporated for bad areas. 15-9700 79.95

SEE TANDY FOR YOUR TV NEEDS

Archer Antenna Rotor



- Gives Perfect Reception
- Remote Control Positioning



20-Gauge Rotator Cable



No. of Leads	Length in m	Cat. No.	Per Roll
3	15	15-1149	7.99
3	30	15-1150	14.95

179⁹⁵

Antenna Rotor gives perfectly clear reception by directing antenna to signal source. For TV VHF FM antennas. 360° sweep in 80 seconds. Attach rotor to end of mast, fits up to 52mm dia. Waterproof casing. Control box attractively finished to suit any decor.

15-9184 179.95

Colour Eagle UHF/VHF Antenna

44⁹⁵

Improves reception dramatically!! Phasing switch cuts out "ghosts". Four sections, satin chromed VHF dipoles, dual UHF loops. Color coded leads for easy installation.

15-1810 44.95

Standard UHF/VHF Antenna

21⁹⁵

12-Position fine-tuning. Telescoping, stainless-steel dipoles. Single UHF loop. **15-628 21.95**



Budget VHF Antenna

13⁹⁹

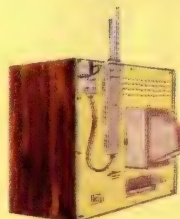
Modern-look. Telescoping three-section dipoles. Anti-tip felt-covered base. **15-958 13.99**



Back-of-Set VHF Antenna

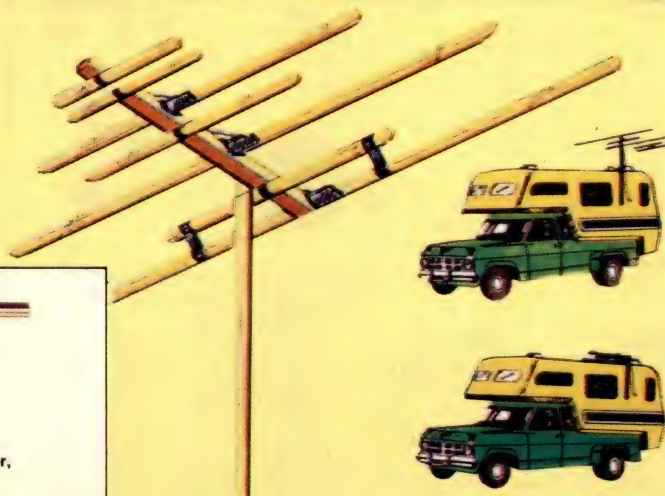
10⁹⁵

Mounts out of sight behind most TV sets. Telescopic 76cm dipoles. **15-1804 10.95**



Ideally suited for strong signal areas. Suitable for colour, black and white sets. **15-9001 8.99**

Complete VHF/FM Mobile Antenna Package



No Extras To Buy!



7.6m lead in, wall-thru insulator, 127cm mast wall mounting bracket included.

69⁹⁵

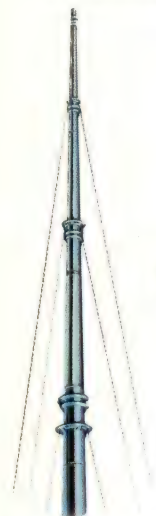
- Fast and Easy Set-Up
- Folds Down Flat for Travel
- Nothing to Disconnect or Reconnect

Great for boats, motorhomes, trailers. Brings in colour or black and white and FM reception that's as good as "at home". 102cm antenna boom has 14 snap-lock elements made of rugged aluminium alloy — stay in place even in high wind. One lead-in for all channels is held securely with standoff insulators and wall-through insulator prevents water leaks. A complete package including all hardware and instructions, for quick, easy installation.

15-9544 69.95

HARDWARE TO MAKE ANTENNA INSTALLATION EASY

Heavy-Duty Telescoping Antenna Mast

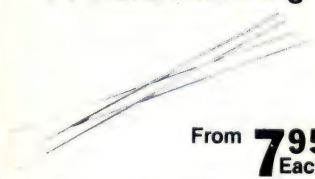


89⁹⁵

- Interlocking Sections
- Clamp and Guy Ring Provide Firm Support

Raise your antenna higher to get stronger TV or FM reception. Sturdy sections interlock — won't pull out, slip, twist or shake. Heavy guy rings stop guy wire tearing. Fully assembled, install easily. **9.1m Mast Unit 15-951189.95**

TV Aerial Masting



From **7⁹⁵** Each

1.8m Galvanised Steel 15-95077.95
2.4m Galvanised Steel 15-95089.95

1.5m Aluminium Mast

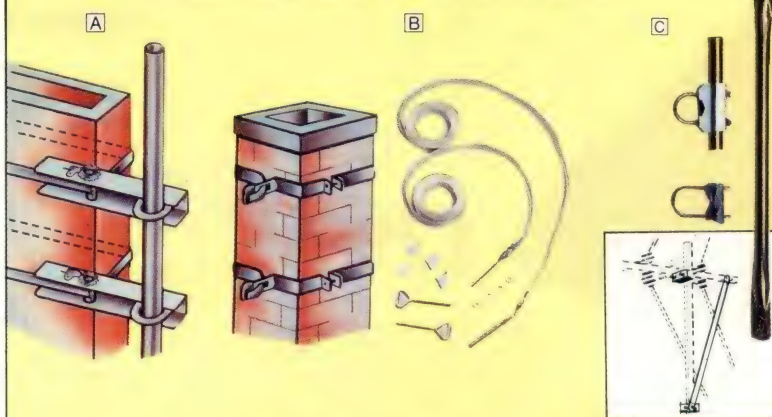


7⁴⁹ Each

- Masts are interlocking

Golden polyester finish fights rust and corrosion. Rugged 19-gauge aluminium. **15-844 7.49**

Chimney and Vertical Mounts



A. Ratchet Chimney Mount. Fastens 2.5cm x 4.4cm antenna mast to chimney. Two stainless steel straps, each 1.9cm x 5.4cm. **15-839 . . . 24.95**

B. "Z" Chimney Mounts. Set of two. Each mount has 1.5cm x 3.0m galvanized steel strap. **15-47610.99**

C. Vertical Mounting Kit. In some areas, TV signals are vertically polarized (e.g., Canberra). If your antenna is mounted in the normal fashion, the vertical pole on which the antenna is mounted will create a loss in gain and directivity. This vertical mounting kit removes or stands antenna from mast so these problems will not occur. **15-9552 . . . 15.95**

Roof and Wall Mounts



A. Base and Roof Mount. Mast locks into exclusive U-Bolt. Swivel base fits slope of any roof. Heavy gauge steel. **15-8898.99**

B. Mast Anchor (Universal Mount). For roof, attic or window mounting of up to 3.8cm diameter masts. Must be guyed for roof and window mounts. **15-8883.29**

C. Eave/Wall Mount. Both poles complete with U-Bolt. Rust resistant finish. Requires two. (Mast not included)

Short Pole. 15-95707.49
Long Pole. 15-957111.79

D. Facia Brackets. Strong, rust-resistant, galvanised finish. **15-9524. 1.2m10.95**
15-9535. 1.8m14.95

Guy Wire and Hardware



Fig	Description	Cat. No.	Each
A	15m Galvanized Steel Wire	15-030	2.59
A	30m Galvanized Steel Wire	15-031	3.69
A	12m Plastic-Coated Steel Guy Wire	15-037	3.99
B	2 Guy Wire Anchors	15-825	1.79
C	2 Guy Wire Turnbuckles	15-829	2.59

Fig.	Description	Cat. No.	Each
D	Set of Four Hex Lag Bolts, 63x3.8cm for Heavy-Duty Mounting	15-833	1.49
E	U-Bolt and Clamp	15-826	1.89
F	2 U-Bolts with Nuts	15-830	1.79
G	3.1cm Guy Ring and Collar	15-835	2.39
H	Guy Wire Mast Clamp With Bolts	15-827	2.49
J	3 Guy Wire Clamps	15-850	2.39

Stand-Off Insulators

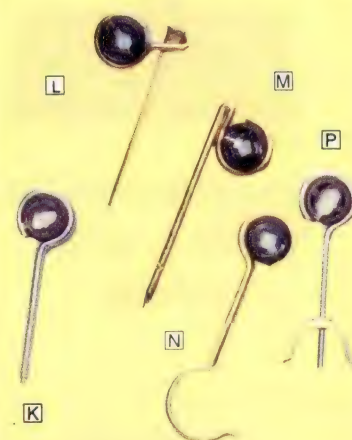


Fig.	Description	Cat. No.	Each
K	8.8cm Wood Screw	15-853	2.19
K	16cm Wood Screw	15-854	2.39
L	2 Masonry Type	15-820	2.19
M	2 Nail-In Type	15-821	2.09
N	2 Snap-Grip Type	15-822	2.49
P	2 Strap-On Type	15-823	2.49

SHOP TANDY FOR ALL YOUR TV ACCESSORIES

Matching 300/75 Ohm Transformers



A TV Game Adapter. Allows you to connect aerial and TV video game to your TV set. 15-9137. 8.99



B Antenna-Mounted Cable Conversion Kit. 300- to 75-ohm coax transformer mounts on antenna boom with special clip. 15-1143 5.99



C Indoor/Outdoor Matching Transformer. Matches 300-ohm to 75-ohm at antenna or 75-ohm to 300-ohms at set. 15-1140 .. 3.29



D Indoor Transformer. 300-ohm twin lead to 75-ohm Belling Lee Plug. 15-9000 2.39



E Matching Transformer. Converts 300-ohm to 75-ohm. 300 ohm to Belling Lee Plug. 15-9539 2.99

Improve Performance with Archer® TV/VTR Accessories



A VTR/TV Antenna Splitter. Provides 75-ohm output for VHF and 300-ohm output for UHF and FM from 75-ohm input. 15-1252 5.49



B VTR/TV Signal Splitter. Provides 75-ohm output for VHF and 300-ohm output for UHF and FM from 300-ohm input. 15-1251 5.49



C VTR/TV Signal Splitter. One 75-ohm VHF/UHF in/out splits to two 75-ohm VHF/UHF outputs. 15-1292 5.49



D VTR/TV Signal Splitter. One 300-ohm VHF/UHF input splits to two 75-ohm VHF/UHF outputs. 15-1293 5.49



E VTR/TV Matching Transformer. Provides 75-ohm output from 300-ohm input. 15-1253 3.29



F VTR/TV/FM Switch. Input 75-ohm — output 75-ohm. Select videotape recorder, VHF/TV, cable TV or FM. A/B switch lets you choose. Switch is reversible. 15-1254 6.95



G TV Game/Computer Switch. Use video games and computers with any TV without rewiring each time. For 300-ohm antenna line and 300-ohm TV input. 15-1255 4.29



H 3-Position Universal Switch. Select TV antenna, cable or video player. Or use to play through one, two or three sets. Standard "F" fittings. 15-1256 8.99




J 6 dB Attenuator 75-ohm male to female. 15-1258 2.29




K 6 dB Attenuator. 75-ohm female to female. 15-1257 2.29


Add or Combine Sets with Splitters and Couplers




A Indoor Multi-Set Coupler. Drive up to four TV/FM sets from one antenna in strong signal areas. 300-ohm. Insta-mount. 2-Set. 15-1501 2.99
4-Set. 15-1502 2.99




B Indoor/Outdoor Couplers. Combines two antenna outputs for one 300-ohm download. 2-Set. 15-1135 4.29
4-Set. 15-1136 5.49




B Combiner/Splitter. Combines the outputs of a UHF and VHF antenna into one download or splits a single download into UHF/VHF outputs indoors. 300-ohms. 15-1137 4.29



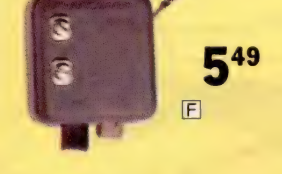
C Indoor Splitter. Has a UHF, a VHF and an FM output all from one 300-ohm download. Insta-mount type. 15-1138 4.29



D 75-Ohm 2-Set Coupler/Combiner. Splits a single 75-ohm download to two UHF/VHF output or reverse to combine outputs of a UHF and VHF antenna into one 75-ohm download. 15-1141 5.49
4-Set Coupler. 15-1142 .. 8.99



E 75-Ohm 2-Set Coupler. Splits or combines as with 15-1141 (above). With Belling-Lee type plugs. 15-9141 .. 4.99
75-Ohm 4-Set Coupler. 15-9142 7.99



F Indoor Transformer/Splitter. Separate 300-ohm UHF/VHF/FM output from single 75-ohm shielded download. Insta-mount. 15-1139 5.49

Shop Your Nearby Tandy Store for All Your Accessories and Supplies

VIDEO ADD-ONS FOR EXTRA ENJOYMENT & CONVENIENCE

Simplify Your TV Component System with This Handy Video Selector

Saves Time
And Trouble



69⁹⁵

- Switch Between Up to Five Video Inputs
- Outputs for Up to Two TV Sets and/or Video Tape Recorders

No more disconnecting and reconnecting cables every time you want to switch video components! Connect a TV antenna, cable TV, a TRS-80 or other computer, video game, VCR, plus a video disc player. Direct the input you select to TV set for viewing and/or VCR for taping. TV and VCR outputs, inputs for antenna, CATV, VCR, Aux-1 and 2. Simulated walnut finish. 5.1 x 22.5 x 11.4cm. 15-1261 **69.95**

You'll Love It!
The Solution to Video Confusion,
And a Must for Any Video System!

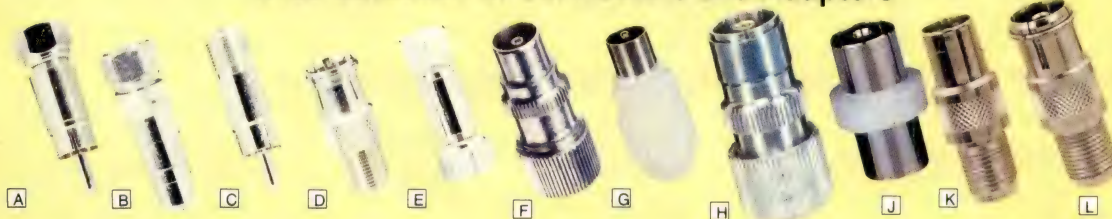
TV/FM Connectors



- A** Wall Receptacle Plugs. Mate with all surface-or flush sockets. 15-1178 **2 for 99c**
B Surface Mount Universal Socket with Mating Plug. 2.2 x 4.4 x 1.4cm. 15-1192 **1.19**
C Polarized Connectors. Prevent polarity reversal when splicing. 15-1198 **1.19**
D Plug & Socket. UHF & VHF, TV or FM. 15-1199 **1.19**

- E** TV Socket. 300 ohm, 2-pin type. 15-9600 **1.99**
F TV Plug. 300 ohm, 2-pin type. 15-9601 **1.49**
G Coax Outlet. Suits belling-lee 75 ohm type plug. 15-9602 **3.99**
H Wall Plate. Use with connectors above. 15-9603 **1.69**
J Plug your colour TV in any location in your home using 75-ohm co-axial cable. 15-9554 **3.29**
K Let you plug your colour TV in any location in your home, using 75-ohm co-axial cable. 15-9553 **3.99**

Wide Selection of Connectors and Adapters



- A** Male "F" Connector to RCA-Type Phone Plug. 278-253 **3.79**
B Female RCA-Type Phono to Male "F" Connector. 278-255 **3.99**
C Female "F" to RCA-Type Phono Plug. 278-252 **2.79**
D Female "F" Screw-On to Male "F" Push-On. 278-218 **2.09**
E Male "F" to Male "F" Connector. 278-219 **2.29**

- F** Belling Lee Extension. Solderless Type. 278-9242 **1.69**
G 75 Ohm Belling Lee Plug. 15-9540 **1.49**
H 75 Ohm Belling Lee Socket. 15-9641 **3.49**
J 75 Ohm Line Joining Splicer. 15-9543 **4.29**
K Coax Adapter. Adapts "F" Connector to Male Belling Lee. 278-9260 **2.29**
L Coax Adapter. Adapts "F" Connector to Female Belling Lee. 278-9261 **2.29**

75-Ohm TV/FM Coax Connectors



- A** F-59 Connector. For RG-59/U Cable. 278-211 **2/1.99**
B F-56 Connector. For RG-56, RG-59 super coax cables. (Required when shortening 15-1526, 15-1527.) 278-214 **2/1.99**
C F-81 Bushing. Couples two coax cables terminating in "F" connectors. 278-213 **1.49**

Archer TV and FM Accessories Really Get the Picture!



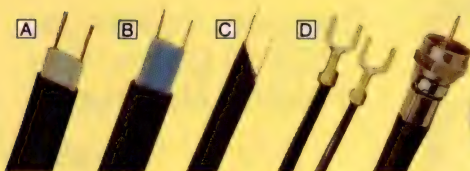
- A** Coaxial Cable Extension. "F" connector to Belling-Lee plug. Use to connect 75 ohm wall plug to your TV set. Approx. 2m. 15-9541 **5.95**
B Balun Lead. Converts 75 ohm down lead into 300 ohms. Includes shielded cable approx. 2m. 15-9533 **7.95**
C 75 Ohm Belling Lee Extension. 2m cable, Belling Lee plug both ends. 15-9542 **5.95**
D 75 Ohm Belling Lee Extension. 2m cable, Male Belling Lee plug one end, Female plug other. 15-9546 **5.99**

Coax Cable Assemblies



- A** 1.22m White Coax Cable. 15-1529 **6.49**
A 2.44m. 15-1530 **7.49**
B 4.88m. 15-1531 **9.99**

QUALITY ACCESSORIES TO BOOST YOUR RECEPTION



A VHF/UHF 300-Ohm Foam Cable. Our best! 20-gauge copper, white-foam space web, dense polyethylene jacket.

15.2m. 15-1174 9.99
30.4m. 15-1175 15.95

B Economy Foam VHF/UHF Cable. For strong-signal areas. 22-gauge copper, brown polyethylene jacket with blue polyfoam.

15.2m. 15-1202 8.99
30.4m. 15-1203 15.95

C Low-Cost Twin Lead. For TV or FM. 24-gauge 4-mil. For indoor/attic use.

Brown Twin Lead, 12.2m. 15-004 3.29
Clear Twin Lead, 12.2m. 15-1158 3.29
Standard Twin Lead. 22-gauge 7-strand. For indoor use. 15.2m. 15-1153 6.49
30.4m. 15-1154 8.99

D 2.4m. Twin Lead Cable. Dual spade lugs attach easily from splitter to stereo, or coupler to set. 300 ohms. 15-1532 3.99



E Shielded VHF/UHF Foam Coax Cable Assemblies. Combines low loss with interference-rejecting shielding. Use with 75 to 300-ohm transformers. F-56 connectors.

15.2m. 15-1526 19.95
30.4m. 15-1527 32.95

F Aluminum Ground Wire. Low-cost protection against static build-up. 12.2m of #8 wire. Use with ground rod (15-530) below.

15-035 3.79

G Antenna Discharge Unit. Protects against static build-up. For TV, FM. Solderless connection. 300 ohms. With mounting hardware.

15-910 4.99

H Grounding Block. Prevents the build-up of static electricity. For 75-ohm TV/FM antenna lead-ins. 15-909 3.79

J Ground Rod. Provides a low-resistance path to ground for static electricity. Copper-plated, corrosion-resistant, highly conductive. 15-530 7.99

75-Ohm Coaxial Wall Plates

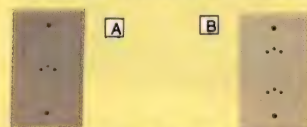


N Includes mounting hardware. 15-1180 3.99

O Includes 5-wire rotator socket and plug. With mounting hardware. 15-1181 4.99

P Baseboard Mount. With mounting hardware. 15-1182 2.79

TV/Rotor Wire Wall Plates



A For a single TV or FM lead-in. With mounting bracket plugs. Surface Mount. 15-1189 2.19

Flush Mount. 15-1186 2.19

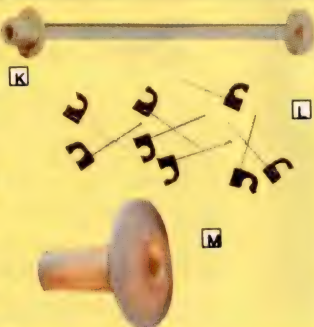
B Accepts two TV or FM lead-ins. With mounting bracket, two plugs. Flush Mount. 15-1187 3.29

K "Wall-Thru" Lead-In Tube. Makes it easy to run lead-ins through walls up to 33cm thick. Grommet seals out damaging weather. 15-1200 5.49

L 10 Coax Nail Clips. Insulated nails with clips to secure 75-ohm RG-59 coax cable. 20-192 Pkg. of 10/1.69

M Coax Feed-Thru Bushing. Provides neater installations and protects cables.

RG59U. 278-1643 69c
RG6U. 278-1644 69c



TV Interference Filters



A Attenuates interference from CB, Ham transmitters. For use with 300-ohm TV/FM inputs. 15-581 10.99

B Reduces or eliminates appliance and neon light static. 15-582 2.99

If You Need a Valve — Try Tandy First



- Mechanically Interchangeable
- Electrically Replaceable

Do your own trouble shooting and really save money. If the tube on your TV is playing-up it may be a burnt out valve. All company stores stock new replacement valves, with some stores having facilities to test your old ones. The valve you need could be sitting on our shelf. Come in and have a look, we keep a wide selection, so you may find the one you want, when you want it. Tandy can be your one-stop VALVE SHOP!

Valve Type	Cat No.	Each
1S2(DY86)	24-904	4.95
1X2A/B	24-9008	4.95
6AL3(EY88)	24-9042	4.95
6AU4GT	24-9052	10.95
6BL8(ECF80)	24-9070	4.95
6BM8	24-9071	4.95
6BQ5	24-9075	6.95
6CA7	24-9086	13.95
6CM5(EL36)	24-9095	7.95
6DX8(ECL84)	24-9109	4.95
6JE7(EF184)	24-9114	4.95
6GV8(ECL85)	24-9131	6.95
6GW8(ECL86)	24-9132	5.95
6U9	24-9168	5.95
6X9	24-9173	6.95
6Y9	24-9174	8.95
12AU7A(ECC82)	24-9195	4.95
12AX7(ECC83)	24-9197	4.95

MICRONTA® MULTITESTERS ARE YOUR BEST VALUE

21-Range, 30,000 Ohms/Volt Multitester



**STILL AT
1983
CAT. PRICE**

59⁹⁵

- Fused & Overload Protected
- Big 12.7cm Colour-Coded Scale

Our best VOM! Features "beep" continuity function and easy access to battery/fuse compartment. DC Volts: 0 to 1000, 7 ranges. AC Volts: 0 to 1000, 5 ranges. DC Current: 0 to 10 amps, 5 ranges. Resistance: 0-10k-1-10 megohms (center scale 10). dB: -20 to +62 dB, 5 ranges. Accuracy: $\pm 3\%$ DC, $\pm 4\%$ AC. 16.7 x 8.7 x 3.5cm. With instruction manual. Requires one 9V, one "C" battery. 22-210 59.95

43-Range, 50,000 Ohms/Volt Multitester

49⁹⁵

- Volts/Amps Range-Doubler
- 10.8cm Mirrored Scale

Complete your workbench! Convenient single-knob function switch, plus mirrored scale to prevent misreadings due to parallax. DC Volts: 0 to 1000, 12 ranges. AC Volts: 0 to 1000, 8 ranges. DC Current: 0 to 10 amps, 10 ranges. Resistance: 0 to 20 megohms in five ranges (10 ohms center scale). Decibels: -20 to +62, 8 ranges. Accuracy: $\pm 3\%$ DC, $\pm 4\%$ AC. 17 x 12.4 x 6.1cm. With instruction manual. Requires one "AA", one 9V battery. 22-204 49.95



27-Range, 30,000 Ohms/Volt Multitester

39⁹⁵

- Single-Knob Function Switch
- Colour-Coded 10.2cm Mirrored Scale

Four banana jacks including output jack, polarity-reverse switch. DC Volts: 0 to 1000, 8 ranges. AC Volts: 0 to 1000, 5 ranges. DC Current: 0-10 amps, 5 ranges. Resistance: 0 to 10 megohms (10 ohms center scale). dB: -10 to +62, 5 ranges. Accuracy: $\pm 3\%$ AC, $\pm 4\%$ DC. Carrying handle doubles as stand. 15.9 x 11.4 x 4.4cm. Requires one "AA", one 9V battery. 22-203 39.95



Compact 25-Range, 20,000 Ohms/Volt Folding Multitester

**NEW
FOR '84**

34⁹⁵

90-120-150-180°
Hold-Position Hinge

"Big-meter" features include fuse and surge-absorber protection, banana-type probe jacks and 10.1cm 3-colour mirrored meter with automatic shunt protection (when folded shut). DC Volts: 0 to 1200, 7 ranges. AC Volts: 0 to 1200, 5 ranges. DC Current: 0-60 μ A, 3-30-300 mA. Resistance: 0-2-20-200k-2 megohms (center scale 24). dB: -20 to +63 dB, 5 ranges. Accuracy: $\pm 3\%$ DC, $\pm 4\%$ AC. 18.4 x 10.8 x 3.2cm. Requires "AA" battery. 22-211 34.95

18-Range, 20,000 Ohms/Volt Home or Shop Multitester

24⁹⁵ 7.6cm Meter, Colour-Coded And Mirrored Scale

DC Volts: 0 to 1000, 5 ranges. AC Volts: 0 to 1000, 4 ranges. DC Current: 0 to 250 mA, 2 ranges. Resistance: 0 to 2 megohms in three ranges (24 center scale). dB: -20 to +62, 4 ranges. Accuracy: $\pm 3\%$ DC, $\pm 4\%$ AC. 13 x 8.9 x 3.7cm. Requires "AA" battery. 22-201 24.95



8-Range, 1000 Ohms/Volt Pocket-Sized Multitester

13⁹⁵ Keep One in Your Glove Compartment

5cm meter has mirrored scale to prevent parallax errors. AC and DC Volts: 0-1000, three ranges. Current: 0-150 mA, DC. Resistance: 0 to 100,000 ohms (2500 centre scale). 8.9 x 5.9 x 3.2cm. Requires "AA" battery. 22-027 13.95



Tester Carrying Cases

LOW AS **6⁹⁵**

Meter not included

Enough Room for All The Essentials

Protect your multimeter with a handy carrying case. Holds leads, manuals, fuses and extra batteries.

Use With Tester No.	Cat. No.	Each
22-203/204/191/192	22-153	7.95
22-201/189/212	22-154	6.95



All Testers Include Colour-Coded Test Leads and Instruction Manuals

TANDY HAS THE LATEST IN HI-TECH TESTERS

Versatile 5-Range Clamp-On AC Ammeter



**NEW
FOR '84**

49⁹⁵

- Measures AC Current Without Breaking Line Being Checked
- Insulated and Overload Protected for Added Safety

Easily test AC circuits, motors and more! Ideal for determining energy consumption of household appliances. Clamp jaws allow easy insertion into narrow places or crowded wiring assemblies. Ammeter has large range selector for one-hand operation, pointer lock switch, mirrored scale. Accuracy: $\pm 3\%$ of full scale value. 10.1 x 5 x .95cm. With manual. 22-160 49.95

Test Leads, Kits, and Clips



A 9-Piece Test Lead Set. Finger guards for safety. Includes hook-clips, spade lugs, banana plugs and phone tips. Case included New Low Price- 270-333 Set/9.99

B Insulated Alligator Clips. For hands-free testing. One red, one black. Probe tips. 270-354 Pair/2.19

C Mini Hook Test Clip Adapter. Adapts standard probes for measurements on high-density PC boards. 270-334 2.79

D Right-Angle Banana Test Leads. Best for getting around corners. 91cm leads, one red, one black. 278-713 ... Pair/2.89

E Right-Angle Pin tips with 91cm Leads. Has 121mm long probes. 278-712 Pair/2.19

F 91cm Leads with Pin Tips. One red, one black 108mm long probes. 278-705 Pair/2.99

G Banana Plugs with 91cm Leads. 114mm long probes. One red, one black. 278-704 Pair/4.29

3½-Digit Autoranging Multimeter

**STILL AT
1983
CAT. PRICE**

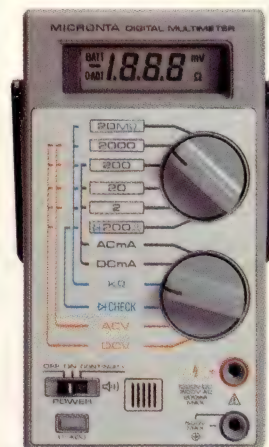
99⁹⁵

- Range-Hold Function Overrides Autoranging Circuit
- "Beep" Continuity Check

Selects and displays the range automatically! User-selectable "beep" continuity and range-change indicator. Zero-adjust button for low-resistance measurements. Also tests diode and transistor junction performance. Low-battery and over-range indicators. Measures up to 1000 VDC, 500 VAC, 200 mA (both AC and DC), 2 megohms resistance. AC frequency response: 45 Hz to 10 kHz. Accurate to within ± 1 digit. 16.2 x 8.9 x 3.5cm. Includes spare fuse, test leads. Requires two "AA" batteries. 22-192 99.95



3½-Digit, 21-Range Multimeter



79⁹⁵

**STILL AT
1983
CAT. PRICE**

Audible "Beep" Continuity And Range-Change Indicator

Audible continuity function sounds at less than 300 ohms circuit resistance. Zero-adjust for precise low-resistance measurements. "Diode check" allows testing of diodes and transistors. Overload protected. DC Volts: 200mV-2-20-200-2000V (max. 1000V). AC Volts: 2-20-200-2000V (max. 500V). Accurate from 45 Hz to 10 kHz. 200mA, AC and DC. Resistance: 200 ohm-2k-20k-200k-2 megs-20 megs. 16.2 x 8.9 x 3.5cm. With spare fuse, test leads. Requires two "AA" batteries. 22-191 79.95

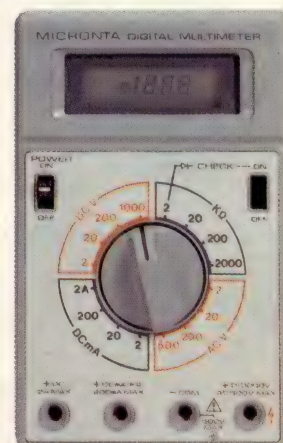
Compact 3½-Digit 16-Range Multimeter

**NEW
FOR '84**

59⁹⁵

- Fused and Overload Protected
- Diode Check Function for Testing Semiconductors

Single-IC design assures extremely low battery drain and high accuracy. Single knob range switch, full auto-polarity operation. Low-battery and over-range indicators. DC Volts: 2-20-200-2000V (max. 1000V). AC Volts: 2-20-200-2000V (max. 500V), accurate from 45 Hz to 10 kHz. DC Current: 2-20-200mA-2A. Resistance: 2-20-200-2000 kohms. 13.2 x 8.2 x 3.8cm. Includes spare fuse, test leads. Requires 9V battery. 22-189 59.95



BIG VALUES IN SEMICONDUCTORS AND DIGITAL ICs

Digital Logic Probe With Tone and LED Indicators



- Tests All Logic Families
- Overload and Polarity Protected

The fast way to "peek inside" TTL, LS and CMOS digital circuits. Color-coded LEDs indicate high, low or pulsed logic states (up to 10 MHz). Simultaneous tone output frees your eyes—really speeds up testing. Minimum detectable pulse width: 50 ns. 91cm leads with clips obtain power from tested circuit. Low current drain. With instructions and user's tips.

22-302 **24.95**

4000-Series CMOS ICs

With Pin-Out And Specs Low As **1.79**



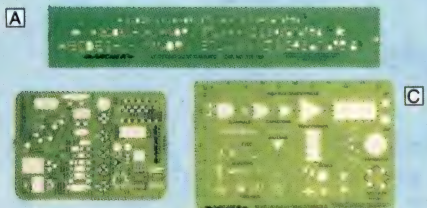
Description	Type	Cat. No.	Each
Quad 2-Input NOR Gate	4001	276-2401	1.79
Quad 2-Input NAND Gate	4011	276-2411	1.79
Dual Type D Flip Flop	4013	276-2413	1.99
Decade Counter/Divider	4017	276-2417	2.99
Triple 3-Input NAND Gate	4023	276-2423	1.99
Inverting Hex Buffer	4049	276-2449	1.99
Quad Bilateral Switch	4066	276-2466	1.99

TTL Digital ICs

With Pin-Out and Specs

Description	Type	Cat. No.	Each
Quad 2-Input NAND Gate	7400	276-1801	.99
Hex Inverter	7404	276-1802	1.49
BCD to 7-Seg. Decoder/Drvr	7447	276-1805	1.79
Div. by 2/5 BCD Counter	7490	276-1808	1.79

Handy, Low-Cost Design Aids

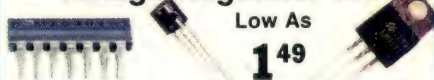


A Lettering Guide. Extra-durable molded stencil gives you three sizes of letters and numbers: 1/8", 3/16" and 1/4"-high. 254x51x0.8mm. **276-183** **5.99**

B PC Board Layout Template. A transparent guide with perfectly sized cut-outs for most PC components. Use it to mark your PC boards and you'll drill properly spaced holes every time! **276-179** **6.99**

C Circuit Symbols Template. A "must" for electronic students, teachers and designers. Durable see-through material has all the latest component and logic symbols, plus two rules. Makes it easy to draw "book-quality" schematics and flow charts. **276-180** **6.99**

Voltage Regulator ICs



Low As **1.49**

Adjustable Regulators. Ideal for variable DC power supplies and wherever a regulated non-standard DC voltage is required. All include specifications and data.

LM723. Adjustable: 0 to 40VDC. 150 milliamps maximum. 14-pin DIP. **276-1740** **1.49**

NEW! TL-317. Adjustable: 1.2 to 32VDC. 100 mA maximum. TO-92 case. Perfect for on-card regulation. **276-1762** **2.39**

LM317T. **NEW LOW PRICE!** Adjustable: 1.2 to 37VDC output, 1.5A maximum. TO-220 case. Was \$2.99 in 1983 Catalog. **276-1778** **3.99**

Fixed Regulators. These easy-to-use three-pin devices have built-in overload protection and thermal shutdown. One lead is input, one is output. When the center (control) lead is grounded, the regulated voltage shown in the chart is available at the output. Maximum input voltage: 35VDC, output current up to 1 amp. TO-220 cases. Heat sink (276-1363 or similar) mounting required for full current rating.

Type	Output VDC	Cat. No.	Each
7805	+ 5	276-1770	2.49
7812	+ 12	276-1771	2.49
7815	+ 15	276-1772	2.49
7905	- 5	276-1773	2.49
7912	- 12	276-1774	2.49

Voltage Converter, Sensor



NEW FOR '84 Low As **2.79**

ICL7660 Voltage Converter IC. Input: positive 5VDC. Output: - 5VDC, up to 10 mA. A low-cost way to power many memory circuits with one +12VDC supply. Requires a minimum of external components. 8-pin DIP with data. **276-2335** **5.99**

MC3423 Overvoltage Sensor IC. Protects sensitive electronic circuitry. Monitors the supply rail and triggers an external LED or crowbar SCR in the event of line transients or loss of regulation. Operates with supply voltages from 4.5 to 40 volts DC. 8-pin DIP with data. **276-1717** **2.79**

Rectifiers and Bridges for Power Supplies & Replacement



Low As **89¢** Pkg. of 2

D Micromini 1-Amp Diodes. 30A surge.

Type	Peak Inverse Voltage (PIV)	Cat. No.	Pkg. of 2
1N4001	50	276-1101	.89
1N4003	200	276-1102	.99
1N4004	400	276-1103	1.19
1N4005	600	276-1104	1.29

E 3-Amp "Barrel" Diodes. 300A surge.

Type	PIV	Cat. No.	Pkg. of 2
1N5400	50	276-1141	1.39
1N5402	200	276-1143	1.49
1N5404	400	276-1144	1.59

PTC205 2.5-Amp, 1000 PIV Silicon Diodes. Use in high voltage and high-current power supplies. Just 6.3x4.7mm. **276-1114** **Pkg. of 3/2.49**

SCRs and Triacs

TO-220 Cases Low As **1.59**

6-Amp Silicon Controlled Rectifiers (SCRs). Ideal for motor speed control. With data.

Voltage	Cat. No.	Each
200	276-1067	1.59
400	276-1020	1.99

6-Amp Triacs. For light dimmers, heat element control. Immune to transient damage. With data.

Voltage	Cat. No.	Each
200	276-1001	2.09
400	276-1000	2.29

Small-Signal Diodes

Pkg. of 10 **1.89**

1N914/4148. Silicon switching diodes. 75 peak inverse voltage (PIV).

276-1122 **Pkg. of 10/1.89**

1N34A. General purpose germanium diodes. 60 PIV.

276-1123 **Pkg. of 10/1.89**

One-Watt Zener Diodes

Pkg. of 2 **1.29**

Type	Zener Voltage	Cat. No.
1N4733	5.1	276-565
1N4735	6.2	276-561
1N4739	9.1	276-562
1N4742	12.0	276-563
1N4744	15.0	276-564

MOV Transient Protectors



NEW FOR '84 Low As **2.59**

MOVs (metal oxide varistors) are voltage dependent, non-linear devices that protect sensitive loads by diverting potentially damaging voltage transients. Two leads—easy to install.

V82A1. For digital and linear circuits operating at 5 volts DC and below. **276-569** **2.59**

V130LA10A. Guards 120VAC equipment and telecommunications circuits. Less than 35 nanoseconds response time! **276-570** **2.69**

F 4-Amp Full-Wave Bridge Rectifiers. Heavy-duty.

PIV	Cat. No.	Each
50	276-1146	2.29
100	276-1171	2.59
400	276-1173	2.89

G 1-Amp, 50 PIV Full-Wave Bridge Rectifier. Rated 25A surge. For PC board or socket mounting. Two fit into a 14-pin DIP socket. **276-1161** **1.89**

H 25-Amp, 50 PIV Full-Wave Bridge Rectifier. Ideal for battery chargers. 1/8" square metal case. **276-1185** **3.69**

J 6-Amp, 50 PIV Full-Wave Bridge Rectifier. Heavy-duty. 14.3x14.3x4.8mm. **276-1180** **3.19**

K 1.4-Amp Full-Wave Bridge Rectifiers. TO-5 cases.

PIV	Cat. No.	Each
50	276-1151	1.99
100	276-1152	2.09

ARCHER® TRANSISTORS — PERFECT REPLACEMENTS

We Can Replace Over 60,000 Transistor Types!



• Top Quality at Low Prices
• Data and Pin-Out Included
See Radio Shack Semiconductor Reference Guide (right) for Complete Cross-Reference List

Direct Commercial Equivalent	Replaces*			Pol.	Use	Diss.	Case	Cat. No.	Each
	GE Type	Sylvania ECG	RCA Type						
2N1305	53	158	3004	PNP-G	SW	150mW	TO-5	276-2007	2.09
MPS222A	20	123A	3122	NPN	GP	500mW	TO-92	276-2009	1.49
PN2484	81	123A	3024	PNP	LL	360mW	TO-92	276-2010	1.59
MPS3904	20	123A	3122	NPN	W	350mW	TO-92	276-2016	1.39
TIP31	66	152	3054	NPN	P	40W	TO-220	276-2017	1.69
TIP3055	241	130	3027	NPN	P	90W	TO-220	276-2020	2.79
MPS2907	82	159	3025	PNP	SW	400mW	TO-92	276-2023	1.49
MJE34	34	197	3084	PNP	P	90W	TO-220	244-2027	2.59
2N3053	241	128	3024	NPN	P	1W	TO-92 +	276-2030	1.69
MPS3638	82	159	3025	PNP	RF/IF	350mW	TO-92	276-2032	1.59
TIP120	—	261	3180	NPN-D	HG	65W	TO-220	276-2068	2.29
2N3055	14	181	3027	NPN	P	115W	TO-3	276-2041	3.39
MJ2955	74	219	3335	PNP	P	150W	TO-3	276-2043	3.39
2N4124	20	123AP	3444	NPN	GP	350mW	TO-92	276-2057	1.19
2N4401	20	123AP	3444	NPN	SW	350mW	TO-92	276-2058	1.19
MPSA06	63	297	3024	NPN	GP	625mW	TO-92	276-2059	1.19
MPSA13	64	172A	3156	NPN-D	HG	625mW	TO-92	276-2060	1.19
MPSA42	222	154	3044	NPN	HV	625mW	TO-92	276-2061	1.29
MU4891	—	—	—	Unijunction		360mW	X55	276-2029	1.79

Japanese Replacement Transistors

Type	Polarity	Use	Diss.	Case	Cat. No.	Each
2SD313	NPN	AP	30W	TO-220	276-2048	2.99
2SC945	NPN	GP	250mW	TO-92	276-2051	1.59

N-Channel Field-Effect Transistors (FETs)

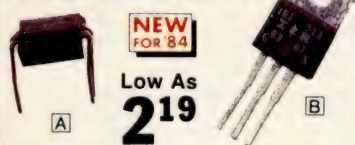
Direct Commercial Equivalent	Use	Diss.	gfs min/max μ hos	Case	Cat. No.	Each
2N3819	GP	360mW	2.0/8.5	TO-92	276-2035	1.79
MPF102	VHF Amp, Mixer	310mW		TO-92	276-2062	1.39

*In most circuits. See product package for exact device specs.
AP = Audio Power Amp
D = Darlington

G = Germanium
GP = Gen. Purpose
HG = High Gain
HV = High Voltage
LL = Low Level

P = Audio Power Amp, Switch
SW = Switch
NOTE: Parameters are at 25°C.

High-Performance Power MOSFETs

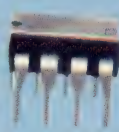


FET advantages at high power levels! Require very small input current and offer switching times of 100 ns or less. Practically immune to thermal runaway. Easy to parallel for use in high-power circuits. You'll say, "Incredible little devices!"

A IRFD-123. Rated 60VDC, 400 mA, 1 watt diss. "On" resistance 3.2 ohms. 4-pin DIP—two fit 8-pin socket. 276-2073 2.19

B IRF-511. Ideal for switching-type power supplies, motor controls, power inverters, audio amplifiers, choppers, even for synchronous rectification. Handles up to 60VDC and 3 amps of current. "On" resistance only 0.6 ohms! TO-220 case. 276-2072 3.69

Low-Cost A to D Converter



NEW LOW PRICE
2.99 Was \$3.49 in 1983 Catalogue
• 7-Bit Resolution
• Converts Up to 1000 Operations per Second

TL507C. For 4 or 8-bit microprocessors. I²L technology enables single supply operation—regulated 3.5- or unreg. 8-18VDC. 8-pin with data. 276-1789 2.99

Heat Sink Grease



Highly heat-conductive silicone compound insures proper heat transfer from power semiconductors to sink or chassis. 6.5 grams. 276-1372 2.29

Dynamic Transistor Checker Tests In or Out of Circuit

18.95

Tests PNPs and NPNs, Silicon and Germanium

Makes Go/No-Go tests on small-signal and power types and allows you to match similar transistors. Indicates relative current gain, "opens" and "shorts". Has a front-panel socket plus hook-clip leads for in-circuit tests. Output jacks let you connect to an external meter or scope. 7 x 11.1 x 3cm. Requires "AA" battery.

22-025 18.95



Information-Packed Books for Builders, Students and Repair Technicians



C

NEW FOR 84

D



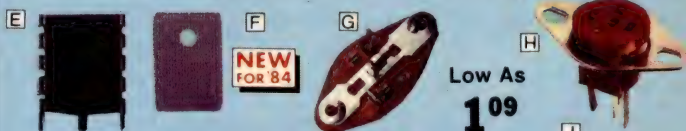
Low As
4.29

Sold Only at
Tandy!

C **Semiconductor Reference Guide.** 1984 edition. Exclusive cross-reference and substitution section lists over 80,000 types and their low-cost Radio Shack equivalents. Also provides detailed data on Radio Shack ICs, SCRs, LEDs, diodes and opto devices. Many helpful replacement tips, too. Illustrated. Over 250 pages. 276-4007 5.29

D **Getting Started in Electronics.** By Forrest Mims III. The perfect introduction to the exciting world of electronics. Written in clear, easy-to-understand language by one of America's most popular technical authors. The book encourages "hands-on" experience. Learn the "hows" and "whys" by building your own circuits. 128 pages. 276-5003 4.29

Transistor Sockets and Mounting Hardware



E **TO-220 Heatsink.** Anodized aluminum. Ideal for PC-board mounted devices in TO-220 cases. 276-1363 1.49

F **Greaseless Insulator for TO-220 Devices.** Special material with high heat conductivity. Use in place of mica washer between device and heat sink or chassis. No grease needed. 276-1366 Pkg. of 3/1.89

G **TO-3 Sockets.** For transistors, regulators and other devices in TO-3 cases. 276-029 Pkg. of 2/1.59

H **Transistor Sockets.** Accept devices with inline or triangle contact pattern, small crystals, too! 276-548 Pkg. of 6/2.89

J **Mounting Hardware Sets.** For power transistors and other semiconductors. Include screws, insulating washers, solder lug and bushings. For TO-3 cases. 276-1371 Set 1.09 For TO-220 Cases. 276-1373 Set 1.09

K **Construction Heat Sinks.** For soldering transistors and other heat-sensitive devices without damage. Straight and bent-jaw types. With handy magnetic base. 276-001 Set of 5/3.99

TANDY LINEAR ICs — HIGH TECH AT LOW PRICES

Voice Synthesizer Set



SPR16,
14-Pin

NEW
FOR '84

19⁹⁵

Set of 2 ICs

SPO256 Speech Processor. The easy, low-cost way to get into "solid-state" talk! NMOS LSI device uses a stored program to synthesize speech or complex sounds. Works with a few simple support parts, or use the **SPR16 Serial Speech ROM**, included, for computer interfacing. SPR16 contains 32 "talking clock" statements, 3 melodies. With data.

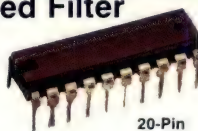
(Requires 3.12 MHz crystal. Available through Nat. Parts.)
276-1783 Set 19.95

Dual Switched Filter

NEW
FOR '84

16⁹⁵

Capacitors
Not Required



20-Pin

MF10. Versatile CMOS building block for active filters—eliminates the need for expensive, close-tolerance parts. High performance, yet very easy to use. Requires only six resistors and 150 kHz clock for a 4th order, 1 kHz Butterworth low-pass filter. A complete filter for a full-duplex 300-baud modem needs only two MF10s, 15 resistors, clock and ± 5 VDC! Center frequencies up to 20 kHz. Clock to center frequency ratio accuracy: 6%. Single or split supply. With data.

276-2329 16.95

28 Pins, 28 Built-In Tunes

NEW
FOR '84

9⁴⁹



AY-3-1350 Melody Synthesizer. NMOS device is ideal for custom door bells and musical funboxes. Pre-programmed with Toreador, William Tell, Yankee Doodle, Brahms' Lullaby, Blue Danube, Clementine, Star Wars, America, Beethoven's 5th, God Save the Queen, Jingle Bells, Wedding March, O Sole Mio, other pop and classical favorites. Or add a PROM and create your own! 4-door capability when used as doorchime. Adjustable pitch and speed. Auto switch-off at end of tune. With data. 276-1782 9.49

Compressor/Expander



9⁹⁹

Dynamic Range
Greater Than 110 dB!

NE572. High-performance dual-channel device for audio. Either channel can be used for dynamic range compression or expansion. Independent control of attack and recovery time with minimum parts. Ideal for hi-fi noise reduction, communications speech processing, 6 to 22VDC, single supply. With data. 276-1781 9.99

Waveform Generator



8⁹⁹

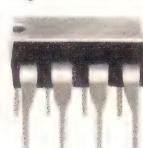
14-Pin

Function Generator in One IC

ICL8038. Produces high-accuracy sine, square, triangle, sawtooth and pulse waveforms with minimum external parts. Simultaneous high-level sine, square, triangle outputs are available, (TTL to 28V). Range is .001 Hz to over 300 kHz using resistors or capacitors. Can be FM'ed and frequency swept with external voltage. Low distortion. Single/split supply.

276-2334 8.99

Adjustable Zener Diode



1¹⁹

TL431. Will sink 1 to 100 milliamps. Operates over 2.5 to 36-volt range. Design into voltage monitors, over- and under-voltage protectors, constant-current sinks, series regulators and more. 8-pin DIP with data. 276-559 1.19

Sound Synthesizer



3⁹⁹

16-Pin

Microprocessor
Controllable

SN94281. This IC, a few inexpensive parts and your imagination can create a variety of exciting sounds—sirens, bells, bomb drops, percussion, musical tones, "arcade" effects and much more. Built-in 125 mW amp drives speaker. 7.5 to 10.5VDC single supply. Heart of a fun project!
276-1767 3.99

Operational Amplifiers (Op Amps)



Low As
1³⁹



741. Frequency compensated. Overload protected. Split supply, 5 to 16VDC. 8-pin DIP. 276-007 1.39
1458 Dual Op Amp. Internally compensated. Low power. Split supply, 5-16VDC. 8-pin. 276-038 1.79
LM324 Quad Op Amp. Single 3 to 30VDC or split 1.5 to 15VDC power supply, 14-pin. 276-1711 2.19
BIFET Op Amps. Low-noise, high-impedance JFET inputs. 13V per μ S slew rate. Split 4 to 18VDC supply.

Type	DIP	Cat. No.	Each
TL082 (Dual)	8-pin	276-1715	3.29
TL084 (Quad)	14-pin	276-1714	5.19

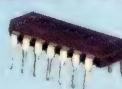
LM3900 Quad Norton Op Amp. Single 4 to 36VDC supply. Unity gain bandwidth: 2.5 MHz. Useful in RC active filters, tachs, more. 14-pin DIP. 276-1713 2.49

LM339 Quad Comparator. Four independent voltage comparators in a 14-pin package. Single 2 to 32V supply. 276-1712 2.59

Audio Power Amplifiers



Low As
2⁰⁹



LM383/TDA2002. Designed for autosound but has many other uses. Produces up to 8 watts rms at 13.8VDC. For 4-ohm loads (two 8-ohm speakers paralleled). Built-in thermal shutdown. 5-pin TO-220. Heat sink required. 276-703 5.99

LM386. Low-voltage amplifier for 8-ohm loads requires minimum support parts—ideal for projects and replacement use in battery-powered devices. 400 mW output. Fixed gain: 20, adjusts to 200 by external resistor, capacitor. 4-12VDC. 8-pin DIP. 276-1731 2.09

TA7205AP. Japanese automotive replacement. 5.8-watt output. 9-18VDC. THD: 0.07%. 276-705 5.79

LM380. 2.5-watt amplifier for 8-ohm loads is ideal for TV sound systems, radios, phonographs, intercoms and projects. 150k-ohm input. Features internal thermal limiting. 8-10VDC. 14-pin DIP. 276-706 2.79

Video, IF Amp and FM ICs



Low As
1⁹⁹



MC1330 Video Detector. 3rd IF, detector, video and AFC buffers. High linearity. Outputs: wideband video, AFT, narrow-band reverse video. 10-24VDC. 8-pin with data. 276-1757 2.69

MC1350 Universal IF Amp With AGC. For radio and TV circuits, up to 60 MHz. Typical gain at 45 MHz: 50 dB. 12VDC. 8-pin. 276-1758 1.99

MC1358/CA3065 FM Detector. IF amp, limiter, FM detector, electronic volume attenuator and audio driver in a 14-pin IC. Ideal for TV replacement or in homebrew receivers (100 kHz to 5.5 MHz IFs). 10-24VDC. With specs. 276-1759 1.99

SFE4.5MB. Ceramic TV-Sound Filter. NEW! Pre-tuned. Use in place of 4.5 MHz transformer. Input/output impedance: 1 k-ohm. 272-130499c

CDA4.5MD3 4.5 MHz Ceramic Discriminator. NEW! Works great with FM detector IC #276-1759, above. 272-1305 1.09

High-Performance Stereo Preamp



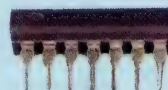
2²⁹

• High Gain
• Wide Separation

8-Pin

LM387 Low-Noise Stereo Preamp. Ideal for custom high-fidelity systems, magnetic cartridge and tape head preamplifiers. Offers high gain (104 dB, open loop) and 60 dB channel separation. 0.8 microvolt total input noise. Operates from single 9 to 30VDC supply. With data. 276-1737 2.29

Phase-Locked Loops



For Modems,
SCA Adapters,
AFSK & More

Low As
2⁸⁹

LM1800 FM stereo decoder. No coils—tunes with one pot. 16-pin. 276-1719 3.39

LM567. Tone detector. Operates from 0.01 Hz to 500 kHz. 4.75 to 9VDC. 8-pin. 276-1721 3.39

LM565. For FM SCA and RTTY decoders, modems, IR communicators and more. 14-pin. 276-1720 2.89

Low-Cost Microwave Devices

Was \$6.99 in
1983 Catalogue

NEW LOW
PRICE

6⁴⁹

2⁴⁹

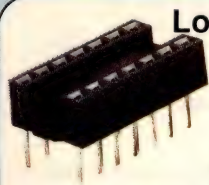
Pkg. of 2

Was \$2.99 in
1983 Catalogue



A MRF-901 NPN Transistor. Useful to beyond 2 GHz. Macro-X case. 300 mW. 276-2044 6.49
B 5082-2835 Schottky Barrier Diodes. Ideal for UHF and microwave stripline mixers. Maximum capacitance: 1 pF. 276-1124 Pkg. of 2/4.99

MORE VALUES IN UP-TO-DATE SOLID-STATE



Low-Profile DIP Sockets

LOW AS
99^c Pkg. 2

Quality non-wicking sockets for PC use. Low-resistance contacts.

Type	Cat. No.	Price
8-Pin	276-1995	2/99c
14-Pin	276-1999	2/1.59
16-Pin	276-1998	2/1.59
18-Pin	276-1992	99c
20-Pin	276-1991	1.09
24-Pin	276-1989	1.29
28-Pin	276-1997	1.59
40-Pin	276-1996	1.69

16-Position DIP Header

NEW
For '84

3²⁹



Mounts resistors, capacitors, jumpers and more for plug-in use in 16-pin DIP sockets. With cover. **276-1980** . . . **3.29**



IC Static Protector

1⁸⁹

12.7 x 12.7cm conductive foam mat for workbench or shipping. Protects static-sensitive ICs and other components.

276-2400 **1.89**

Single-Supply UART



8⁹⁹

For Computer Communications

AY-3-1015. Full-duplex universal transceiver accepts asynchronous serial binary characters and converts to a parallel format, and vice versa. User selectable baud rate, number of data bits per character, stop bits and parity mode. Inputs are directly compatible with DTL, TTL and CMOS. 3-state strobe outputs. Fully double buffered—eliminates need for system synchronization. Low power. 4.75-5.25VDC. With specs and data. **276-1794** **8.99**

Dual Baud Rate IC



18-Pin

NEW
For '84

11⁹⁵

AY-5-8116. Generates the full spectrum of asynchronous/synchronous data communication frequencies for use with UARTs such as #276-1794, above. On-chip crystal oscillator provides master reference frequency. (Requires 5.0688 or 4.9152 MHz crystal available through NAT. PARTS). Single 5VDC supply. With specs and data. **276-1795** **11.95**

Bipolar and CMOS Timer ICs



LOW AS
1⁴⁹



Bipolar. Resettable time from one microsecond to one hour. Output will source or sink 200 milliamps. Operate from 4.5 to 16VDC.

Type	DIP	Cat. No.	Each
555 (Single)	8-pin	276-1723	1.49
556 (Dual)	14-pin	276-1728	2.79

7555 CMOS. Replacement for 555 with very low power consumption (80 microamps). Will source or sink 100 mA. 8-pin DIP.

276-1743 **4.19**

μA2240 Programmable Timer/Counter. **NEW!** Provides very accurate timing from microseconds to days. Cascade two for months, even years. Consists of a time-base oscillator, an eight-bit counter, a control flip-flop and a voltage regulator. Frequency of time base is set by external resistor and capacitor and can be synchronized or modulated. A time-base output may be used to monitor frequency or provide pulse to other circuitry. The eight outputs are TTL, DTL and CMOS compatible. 5 to 15VDC operation, single supply. 16-pin DIP with specs and data. **276-1735** **3.79**

IC Inserter/Extractor Set

NEW LOW PRICE

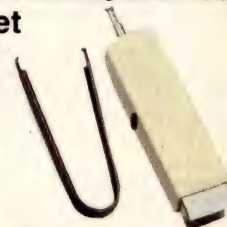
9⁵⁹

Safe Way to Handle
8 to 24-Pin DIPs

Was \$9.95 in 1983 Catalogue

Helps you remove or install DIPs without bending pins. Built-in pin straightener. Both tools groundable to protect static-sensitive MOS devices.

276-1574 **Set 9.59**



LED Flasher

1⁷⁹ Adjustable
Flash Rate

8-Pin

LM3909 LED Flasher. Pulses LEDs with minimum current drain and external parts. Great experimenter's item—has dozens of other uses and you may discover more. Single 1.5 to 6VDC supply. **276-1705** **1.79**

CdS Photocell

For Security, Counting, Even Model Railroad!

1⁹⁹



Cadmium-sulfide cell offers wide resistance range—approximately 3 megohms in darkness to 100 ohms in bright light. 200 milliamps at 170V, max. 12.7 x 6.3mm. **276-116** **1.99**

LEDs With Holders For Panel Mounting

A Chrome Holders. Mount in 1/4" hole. Require 2VDC.

Color	Cat. No.	Pkg. of 2
Red	276-068	1.99
Green	276-069	2.09
Yellow	276-073	2.09



B Snap-In Holders. Mount instantly in 5/16" holes.

Color	Cat. No.	Pkg. of 2
Red	276-018	2.59
Green	276-019	2.69

Light Up Your Projects With LEDs



- Wide Selection of Colors, Sizes and Shapes
- Complete Electrical Specifications Included

T-1 3/4 (Jumbo) Size. With diffused lens.

Fig.	Color	Cat. No.	Pkg. of 2
C	Red	276-041	.99
D	Yellow	276-021	1.09
E	Green	276-022	1.09

T-1 (Miniature) Size. With diffused lens.

Fig.	Color	Cat. No.	Pkg. of 2
F	Red	276-026	1.39
F	Yellow	276-031	1.19
G	Green	276-037	1.29

H TLR-107 High-Brightness Red LEDs With Fresnel Lens. Mount in 3/16" hole. 2V at 20 mA typical.

276-033 **Pkg. of 2/1.29**

J Red Rectangular LEDs. High brightness. Stack vertically or horizontally. **276-070** **Pkg. of 2/1.49**

K Chrome LED Panel Lamp Holders. Accept standard T-1 3/4 LEDs. 3/32" mounting hole.

276-080 **Pkg. of 2/1.59**

Infrared Optotriac



2²⁹

6-Pin DIP

MOC3010. 1000V isolation, minimum. LED input. Triac output controls 120VAC, 100 mA max. **276-134** **2.29**

High-Output IR LED

2³⁹ 880 Nanometer Near-Visible Emission

XC880-A. Low power consumption, yet emits as much energy as three regular infrared LEDs! **276-143** **2.39**

Emitter/Detector

3⁰⁹ Pair
LED source rated 20 mA at 1.7VDC. Sensitive phototransistor detector. For short-range IR projects. **276-142** **Pair 3.09**

Infrared Photo Transistor

1⁴⁹

TIL414. High-speed NPN for data links, model train switching, more. 50 mW. T-1 3/4 case.

276-145 **1.49**

Phototransistor Bargain

1⁴⁹

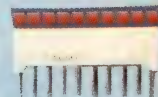
Silicon. Similar to FPT-100. Sensitive, TTL/DTL compatible. **276-130** **1.49**

Tri-Color LED

T-1 3/4 Size 1⁹⁹
XC-5491. Perfect for status indicators and testers. Glows red on DC, green on reverse DC, yellow on AC! 2.2V at 25 milliamps, typical. **276-035** . . . **1.99**

LED Bar Graph

4⁵⁹

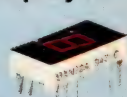


Fit 20-Pin DIP Socket

MV57164. Convenient way to add metering to audio equipment and many other circuits! Ten high-efficiency red segments. With data. **276-081** **4.59**

Digital Displays

LOW AS
1⁷⁹



0.3" Numerals

Left-Hand Decimal. Bright seven-segment LED displays rated 1.7VDC per segment, 20 mA typical. Fit 14-pin DIP sockets.

Common	Cat. No.	Each
Anode	276-053	1.79
Cathode	276-075	2.59

Factory-Fresh Parts With No Waiting, No Minimum Order, Low Prices

PUT IT TOGETHER WITH PARTS FROM TANDY



A NEW! LSI PC Board. Accepts ICs with up to 42 pins. Provides 580 holes with solder rings for mounting support components. 7.8 x 7cm. Mounting holes at corners. **276-167** **3.69**

B NEW! Memory PC Board. Makes it easy to add more memory! Mounts up to nine 16 or 18-pin ICs. Features four busses plus 72 holes with solder rings for mounting support components. Mounting holes at corners. 16.5 x 3.8cm. **276-184** **3.49**

C NEW! Universal PC Board. Accepts ICs up to 40 pins. Total of 750 indexed holes with solder rings for mounting support components. Two busses, one grounding strip. Mounting holes at corners. 8.6 x 7.3cm. **276-168** **3.19**

D Grid Board. 750 holes with solder rings, indexed with letters and numbers on both sides for easy identification of component pinouts—really speeds wiring. 100 x 100 centers for DIP ICs, sockets

and headers. 7.1 x 9.5cm. **276-158** **2.99**

E Dual Grid Board. Dual version of Fig. D. **276-161** **4.99**

F IC/LSI Board. Ideal for projects using LSI ICs up to 40 pins. 750 holes with solder rings, indexed on both sides. DIP centers. 7.1 x 9.5cm. **276-162** **3.29**

G Dual IC Board. Accepts two 6 to 20-pin DIP ICs. Provides four connecting points for each IC pin. 4.4 x 8.6cm. **276-159** **2.49**

H Single IC Board. Mounts one 6 to 16-pin IC or socket. Extends leads for easy soldering and breadboarding. 5.4 x 3.8cm. **276-024** **1.69**

J Multi-Purpose Plug-In Board. Poly-glass. 11.4 x 10cm with 1/16" grids. Fits 44-pin socket. **276-152** **4.99**

K Three-Voltage Source Plug-In Board. Like Fig. J, but has three busses. Ideal for op amp circuits. **276-154** **4.99**



Breadboarding System

Design and debug your circuit on one of the reusable breadboards, then transfer the final version to matching PC board, or record it on a scratchpad sheet for future reference.

L NEW! Modular Breadboard Scratchpads. Printed with identical pattern of 276-170 and 276-174. 3 pads, total of 90 sheets. **276-185** **1.99**

M Experimenter's PC Board. Layout matches breadboard sockets. 550 pre-drilled connection points. 52.3x138.1x1.6mm. **276-170** **3.99**

N Modular IC Breadboard Socket. Snap together horizontally or vertically. Silver-nickel contacts accept 30 to 22-gauge solid wire. Two bus strips, 550 indexed connection points. 5.4 x 15.2cm. **276-174** **21.95**

O Modular IC Breadboard Socket. Smaller version of Fig. N with 270 indexed connection points. 5.4 x 8.6cm. **276-175** **12.95**

P NEW! Universal Breadboard. 5.7x16.5cm breadboard is mounted on a 17.8x10.2cm 'stay-put' steel base with rubber feet. Accepts DIPs, discrete components and up to 22-gauge wire. Total of 640 plug-in tie points. 3 binding posts for power hookup, etc. **276-169** **32.95**

Making Your Own PC Boards is Easy and Fun!



Q PC Board Kit. Two 11.4 x 7.6cm boards, resist-ink pen and solvent, etchant, layout strips and circles, tank, drill bit and complete instructions. **276-1576** **18.95**

Extra Pen. **276-1530** **2.59**

Extra Etching Solution. 453.6g in plastic bottle. **276-1535** **4.99**

R Direct-Etch Dry Transfers. So easy! Four transparent sheets have rub-on circles, strips, IC pads and more. Press on to a copper clad board and you're ready to etch. **276-1577** **Set of 4/4.89**

Wire Wrapping Tool



6.99 Includes Handy Wire Stripper

Balanced 11.4cm all-metal tool for making solid wrap connections — much faster than soldering! Strips, wraps and un-wraps 30-gauge wire. Stripper stores in handle. **276-1570** **6.99**

30-Gauge Kynar® Wire

3.99 15m Spools



Use with any wrapping tool to make fast, reliable connections.

Color	Cat. No.	15m Spool
Red	278-501	3.99
White	278-502	3.99
Blue	278-503	3.99
Yellow	278-504	3.99

Wrap DIP Sockets



Low As **1.69** Pkg. of 2

Square 0.25" Posts

Posts accept 3 levels of wrap.

Pins	Cat. No.	Pkg. of 2
8	276-1988	1.69
14	276-1993	1.79
16	276-1994	1.89

PC Boards and Push-In Terminals

R IC-Spacing Perforated Boards

Size	Cat. No.	Each
11.4 x 15.2cm	276-1394	3.79
7 x 15.2cm	276-1395	2.99
15.2 x 20.3cm	276-1396	4.99

T Solid Copper-Clad Board. Copper clad on one side. No holes. 15.2 x 15.2cm. **276-1587** **4.49**

U PC Board Assortment. 548cm². May include phenolic, glass, double and single-sided boards. **276-1591** **3.99**

V NEW! Nylon Spacers for PC Boards. Fast and easy way to mount PC boards 9.5mm from chassis or enclosure. Spacers snap into place — no additional hardware needed. Require 4mm diameter mounting holes in PC board and 4.8mm holes in chassis. **270-1391** **Pkg. of 8/2.29**



Versatile PC Boards For Computer Projects

Tandy Exclusive!



Highest-Quality Dual-Sided Glass Boards

For clean—not kluged—projects! Ideal for peripheral circuits and transforming one computer format to another with plug-in simplicity. These indexed boards and matching connectors are a "system" that can reduce building time and wiring errors. Accept card edge connectors (276-1544, 1545, 1558, 1566) or sockets and headers (Fig. C and D).

16-Pin DIP Jumper



7.29

Two 16-pin DIP plugs connected by a 45cm-long colour-coded ribbon cable. **276-1976** **7.29**

Fig.	Connector	Contact Points	Size	Cat. No.	Each
A	40 position	1520	10.8x13.3cm	276-163	6.95
A	50 position	2898	13.3x20.6cm	276-164	6.95
B	40 position	1520	10.8x13.3cm	276-165	12.95
B	50 position	2898	13.3x20.6cm	276-166	12.95

C 40-Position Socket With 30.5cm Cable. **276-1542** **6.99**

50-Position Socket With 30.5cm Cable. **276-1543** **7.49**

D 40-Position Header. **276-1540** **1.99**

50-Position **276-1541** **1.99**

TANDY — YOUR PLACE TO SAVE ON QUALITY PARTS

Archer-Paks! Super Buys, From \$3.29 Each

50 Silicon Switching Diodes

1N914/1N4148. Ideal for logic. Switching time low as 4 ns. PRV: 90. Long axial leads. 276-1620 **3.49**

Electrolytic Capacitors

Assorted pack of 20 minis and subminis. 0.1 μ F to 47 μ F. Ratings to 50WVDC. 272-802 **3.49**

Six Linear ICs

Contains one each: 555 timer, 741 op amp, 1458 dual op amp plus three other linear ICs. 276-1652 **3.29**

15 All-Purpose Transistors

Popular NPN small-signal type for amplifying and switching. Diss: 300mW, V_{CE0} 40V. Typical h_{FE} 50. TO-92 case. 276-1603 **3.49**

1N4000-Series Diodes

Contains 25 rectifier diodes. Ten 1N4001s, five 1N4002s, five 1N4004s, and five others. 276-1653 **3.29**

Eight Digital ICs

Includes one each: 7400, 7408, 7474, and five other digital ICs. 276-1651 **3.29**

15 Silicon NPN Transistors

General-purpose amplifier, high-speed, medium power switch. Diss: 600 mW. Similar to type 2N2222. 276-1617 **3.49**

25 Assorted Zener Diodes

Ratings from 2.8 to 120V. 250 mW to 5 watts. May include double anode types. 276-1629 **3.49**

20 Assorted LEDs

May include types MV-5054, MV-50, RL-209 in red, green, amber. IR-emitting and battery indicators. 276-1622 **3.49**

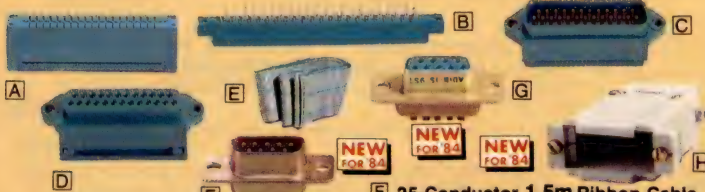
15 Amplifying Transistors

PNP small-signal type—one of the most popular. Diss.: 350 mW. V_{CE0} 40V. Typical h_{FE} 50. TO-92 case. 276-1604 **3.49**

Five Optocouplers

Includes one each: TIL111, MCT2, H11A1, plus two others. 276-1654 **3.29**

Connectors for Computers and Peripherals



A Card Edge Connectors. Solderless, reusable type for ribbon cables.

Positions	Cat. No.	Each
34	276-1564	8.99
50	276-1566	8.99

B 44-Position Card-Edge Socket. Fits plug-in boards such as Figs. J and K on facing page. 276-1551 **5.89**

C D-Submini 25 Male. For RS-232C bus. Reusable type. 276-1559 **8.99**

D D-Submini 25 Female. Ideal for cable extensions. Reusable type. 276-1565 **8.99**

E 25-Conductor, 1.5m Ribbon Cable. 278-772 **5.99**

Solder D-Submini 25 Connectors. (Not shown).

Male. 276-1547 **5.59**

Female. 276-1548 **6.99**

Hood. Fits both. 276-1549 **4.19**

NEW! 9-Position D-Sub Connectors. Fit joystick ports of many video games and computers. For chassis mounting or making joystick extension cords.

F Plug. 276-1537 **3.79**

G Socket. 276-1538 **4.79**

H Hood. Fits both. 276-1539 **4.19**

Radio Control Modules Conforms to DOC Specification RFM E001



Receiver



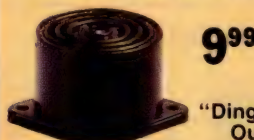
Transmitter

NEW FOR '84

22⁹⁵

Ideal for wireless remote control of toys, models, novelty items and more. These prewired PC modules require just a few low-cost components to complete your system. Provides four functions: Forward, forward with right turn, forward with left turn and reverse. Receiver controls two DC motors directly. Transmitter, 93.6 x 25.4 x 11.1mm. Receiver, 41.3 x 76.2 x 19mm. Operate on 27.145 Mhz. Require 9VDC and 1.5VDC. With data. 277-1012 ... **Set, 22.95**

"Doorbell" Electronic Chime



9⁹⁹

NEW FOR '84

"Ding-Dong" Output

Three lead device contains an IC and operates on 1.5VDC. Use momentary contact switch (not incl.) to trigger. Current drain: 30 mA. Sound pressure: 75 dB. Approx. 3.2 x 4.4cm. Mounting holes: 36mm apart. 12cm leads.

273-067 **9.99**

Mini DC Buzzers



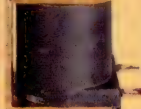
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Each

Small enough to hide, loud enough to demand attention! 27mm mounting centres. With leads for easy hookup.

DC Voltage	Cat. No.	Each
1.5-3	273-053	2.29
6	273-054	2.29
12	273-055	2.29

Versatile 12VDC Solenoid



6⁹⁹

Continuous Duty Capability

Plunger will pull in 3mm and hold up to 113g. Ideal for robotics, model rail-roads, opening valves, latches and more. Coil: 31 ohms, 430 mA at 12VDC. 2.8 x 2.7 x 2.7cm body.

273-251 **6.99**

Loud Piezo Buzzers



J **NEW! Pulsing Piezo Buzzer.** Resonant frequency approx. 2800 Hz. Operates on 3 to 28VDC. 12 mA at 12 volts. Sound level 95 dB. Mounting tabs with holes 50 mm apart. Overall: 42mm diameter x 14.5mm high. 273-066 **4.99**

K **Piezo Buzzer With Leads.** Piercing 4.8 kHz signal really gets attention! 1.5 to 20VDC. Ideal for battery-powered circuits — draws just 12 mA at 9V. 35 x 9mm.

273-060 **4.29**

L **PC Board-Mount Piezo Buzzer.** Perfect for projects and security. Use as replacement or upgrader in clock radios, smoke detectors and more. Requires 3.0-20VDC. 12 milliamps at 12VDC. 17.5 x 4.5mm diameter. 273-065 ... **3.49**

M **Piezo Element.** Small, yet delivers up to 90 dB at 6.5 kHz. Requires external driver circuit. 28.5mm mounting centres. With data. 273-064 **2.29**

DC Buzzer in Metal Case

3⁹⁹

Low Current Requirement



Super loud, with low current drain—ideal for battery powered circuits. Approximately 5cm diameter by 4.4cm. With hookup lead. 12VDC. 273-051 **3.99**

AUDIO PLUG ADAPTERS AND XLR CONNECTORS

Adapters for Mini Stereo Headphones



- A** 3-Conductor Mini Plug "Y". Two 1/8" stereo jacks to one 1/8" stereo plug. 274-313 **4.49**
B Stereo "Y"-Adapter. Two RCA-type phono jacks to one stereo 1/8" plug. Jacks are L-R color-coded for playback and recording. 274-369 **2.49**
C Dual Jack "Y"-Adapter. Two 1/8" stereo jacks to 1/4" stereo plug. 274-305 **4.99**
D 1/4" Stereo Phone Jack to 1/8" Stereo Phone Plug. Use standard stereo phones with personal portables. 274-366 **3.39**

- E** 1/8" Stereo Phone Jack to 1/4" Stereo Phone Plug. 274-367 **3.39**
F Right-Angle 1/8" Stereo Phone Jack to 1/4" Stereo Phone Plug. 274-371 **3.39**
G Right-Angle 1/8" Stereo Phone Jack to 1/8" Stereo Phone Plug. Can be used for stereo or mono. 274-372 **2.89**
H 1/8" Stereo Phone Jack to 1/8" Mono Phone Plug. Use "mini" stereo headphones with TVs, portable radios, tape recorders, communications gear. 274-368 **1.89**

Adapters for Headphones,



- Y** Y-Adapter. Dual RCA-type phono jacks to 1/4" stereo plug. 274-308 **4.99**
Z Stereo Dual Jack Adapter. Share your music! Drive two stereo headphones from a single 1/4" stereo jack. 274-302 **4.99**
AA 1/8" Dual Jack Adapter. Two 1/8" jacks to one 1/8" plug. Mono. 274-310 **2.09**
BB 1/4" Stereo Jack to Mono 1/4" Phone Plug. Use stereo headphones with CBs, ham, shortwave and scanner radios, mono audio equipment. 274-360 **2.49**
CC 1/4" Stereo Jack to 1/8" Mono Phone Plug. 274-361 **2.59**
DD 1/8" Mono Jack to 1/4" Stereo Plug. Permits listening or recording in mono from stereo headphone jack. 274-363 **2.59**
EE Phone Jack to 1/4" Stereo. Combines left and right channels from stereo headphone jack to mono-output RCA-type phono jack. 274-365 **2.19**

Adapters Make Hookups Easy



- J** Adapter Set. Mono 1/8" mini plug to: 3/32" submini jack, 1/4" phone jack, RCA-type phono jack. 274-359 **3.99**
K Dual Mike/Speaker "Y"-Adapter. Two 1/4" mono phone jacks to 1/4" mono plug. 274-309 **3.59**
L Dual Phono Jack Couplers. Connect two cables with RCA-type phono plugs. 274-1553 Pkg. of 2/ **2.69**
M Dual Miniature Jack Coupler. Connects two cables with 1/8" phone plugs. 274-1554 **1.89**
N Phono Plug Adapters. RCA-type phono jack to 2-conductor 1/4" plug. 274-320 Pkg. 2/ **2.99**

- O** Dual 1/4" Coupler. Connects two cables with 1/4" plugs. Stereo or mono. 274-1556 **2.89**
P Mini Phone Plug/Jack Signal Reducer. 1/8" phone jack to 1/8" phone plug. Provides 51 dB attenuation for recording from earphone jack of cassette players, TVs, radios. 274-301 **2.69**
Q RCA-Type Phono Jack to 1/8" Plug Signal Reducer. 40 dB attenuation lets you use a portable recorder's mike input to tape from line-level aux/tape-output sources. 274-300 **2.69**

Shielded Adapters Cut Hum



- FF** 1/8" Phone Jack to 1/4" Phone Plug. 274-325 **1.89**
GG 1/8" Mini Phone Jack to RCA-Type Plug. 274-326 **1.89**
HH 1/8" Phone Jack to 3/32" Submini Phone Plug. 274-327 **1.59**
JJ 3/32" Submini Phone Jack to 1/8" Phone Plug. 274-328 **1.59**
KK 3-Piece Plug Adapter Set. 1/8" phone jack to RCA-type phono plug, RCA-type phono jack to 3/32" submini phone plug, 1/8" mini phone jack to 1/4" phone plug. 274-046 Set of 3/4, **1.19**
LL 1/4" Jack to 1/8" Plug. 274-047 **1.89**
MM 1/4" Phone Jack to Phono Plug. Connects mikes, guitars to phono jack. 274-389 Pkg. of 2/3, **3.99**
NN RCA-Type Phono Jack to 1/8" Plug. 274-330 **1.69**
OO Shielded Y-Adapter. Two phono jacks connected in parallel to one RCA-type phono plug. 274-303 **2.99**
PP Shielded Y-Adapter. Two phono jacks in parallel to a 1/4" phone plug. 274-304 **2.99**
QQ Stereo Headphone Shieldadapter Plug. 3-conductor 1/8" solder-type mini plug with cable strain-relief. An adapter is included so you can use the plug with 1/4" stereo jacks, too. 274-044 **4.79**
RR Microphone Shieldadapter Plug. 2-conductor version of above with 2-conductor adapter for use with 1/4" jacks. 274-045 **3.09**

XLR Audio Connectors and Adapters



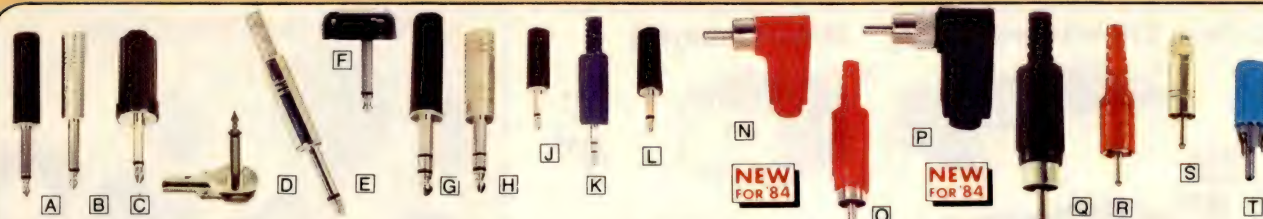
- R** A3M-Type 3-Pin Plug. All metal for durability and shielding. 274-010 **5.99**
S A3F-Type 3-Pin Inline Connector. Mates with A3M, above. Cable strain relief. 274-011 **5.99**
T A3F-Type 3-Pin Panel Jack. Locking type with pushbutton release. Accepts A3M plug. 274-013 **5.99**
U A3F to A3F Coupler. Joins two A3Ms. Pre-wired. 274-014 **11.99**
V A3M to A3M Coupler. Joins two A3Fs. Pre-wired. 274-015 **6.99**

For "Pro" Audio Applications

- W** Adapter/Transformer. A3F to 1/4" phone plug. Use professional-type mike having A3M connector with amplifier or recorder that has 1/4" jack. Built-in transformer adapts low-Z balanced to high-Z unbalanced input. 274-016 **12.95**
X Adapter/Transformer. 1/4" jack to A3M plug. Use high-Z unbalanced mike with equipment that requires low-Z balanced input. Use with 274-016 (above) for long cable runs to minimize high-frequency loss. 274-017 **9.99**

See Page 76 for Information on Large-Quantity Discounts

ARCHER® PLUGS & JACKS MAKE THE CONNECTION

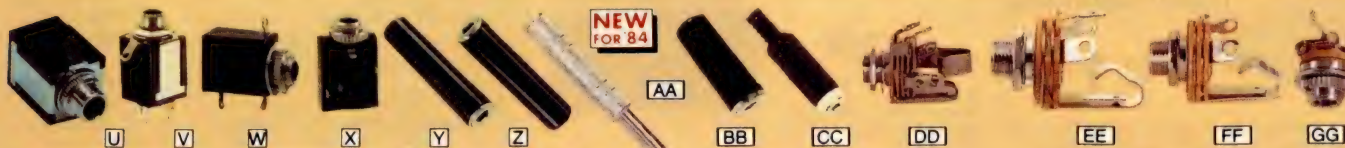


Phone And Phono Plugs

- A** 2-Conductor 1/4" Phone Plugs. Long slim type with 12mm diameter black bakelite barrel. 274-1536 Pkg. of 2/ 2.79
- B** 2-Conductor 1/4" Phone Plugs. Shielded to minimize hum. Slim type with 12mm diameter metal barrel. 274-1544 Pkg. of 2/ 3.39
- C** 2-Conductor 1/4" Phone Plugs. Ribbed plastic 19mm diameter barrel for sure grip. 274-1539 Pkg. of 2/ 2.89
- D** 2-Conductor 1/4" Phone Plugs. All-metal shielded flat right-angle type. For tight spaces. 274-254 Pkg. of 2/ 2.89
- E** 2-Conductor 1/4" Phone Plug. Heavy-duty shielded. For "pro" audio applications. Spring strain relief. 274-1545 1.99
- F** Right-Angle 1/4" Plug. 2-conductor. Black shell. Screw type terminals. 274-256 1.29

- G** 3-Conductor 1/4" Phone Plugs. Slim line. Black bakelite barrel. For push-to-talk mikes, stereo phones. 274-139 Pkg. of 2/ 2.69
- H** 3-Conductor Phone Plug. Shielded all-metal type. 4.1cm length barrel. Nickel plated. Solder lug terminals. 274-285 2.29
- J** 2-Conductor 1/8" Miniature Phone Plugs. Solder lug terminals. 4.1cm long. Black. 274-286 Pkg. of 2/ 1.49
- K** 3-Conductor 1/8" Mini Phone Plugs. Solder lug connections. 274-284 Pkg. of 2/ 2.49
- L** 2-Conductor 3/32" Submini Phone Plugs. Solder terminals. 24mm long. Sets of 2. Black, 274-289. Red, 274-290. Tan, 274-291 Pkg. 1.29

- N** Solderless Right-Angle Phono Plugs. Two red, two black. Ideal for audio. 274-383 Set of 4/ 1.69
- O** Solderless Phono Plugs. With strain relief. Two red, two black. 274-384 Set of 4/ 2.39
- P** Solderless Right-Angle Phono Plugs for Video. 274-385 Set of 2/ 2.59
- Q** Plastic Phono Plugs. Mate with any phono jacks. Screw-together plastic housing. 274-319 4/ 1.29
- R** Phono Plugs. Three black, three red. Plastic sleeving prevents shorts. 274-451 Pkg. of 6/ 1.69
- S** Shielded Phono Plugs. Designed for easy soldering. Mate with all RCA-type phono jacks. 274-339 Pkg. of 2/ 1.69
- T** Color-Coded Phono Plugs. Plastic insulated covers. Cable clamp for strong connection. Assorted colors. 274-321 Pkg. of 8/ 1.89



Phone Jacks

- U** Enclosed 1/4" Jacks. Accepts standard 1/4" phone plugs. Solder lug terminals for positive connections. Versatile, panel or PC mounting. Include mounting hardware for easy installation. 2-Conductor, Open Circuit. 274-280 1.19
- V** Enclosed 1/4" Stereo Phone Jack. Three-conductor. Double closed circuit. Positive connection. With schematic, hardware. 274-277 1.99
- W** Enclosed 1/8" Miniature Phone Jacks. Closed Circuit. 274-296 Pkg. of 2/ 1.69
- X** 3-Conductor 1/8" Miniature Phone Jacks. Closed Circuit. 274-250 Pkg. of 2/ 2.09
- Y** Mono Inline 1/4" Phone Jacks. Durable black plastic shell. Accepts standard 1/4" phone plug. 274-340 Pkg. of 2/ 2.49

- Z** Stereo Inline 1/4" Phone Jacks. Slim black 3-conductor jack mates with any 3-conductor stereo phone plug. Solder lug terminals. 274-141 Pkg. of 2/ 2.89
- AA** 3-Conductor Inline Shielded Phone Jack. Heavy-duty metal construction for shielding and durability. "Grip" finish. 274-142 3.39
- BB** 2-Conductor 1/8" Inline Jacks. Accepts 1/8" mini phone plugs. Easy to install. 274-333 Pkg. of 2/ 1.39
- CC** 3-Conductor 1/8" Inline Jacks. Use to make extension cords for personal portables. Strain relief shell. 274-274 2/ 1.99
- DD** 3-Conductor Closed-Circuit Phone Jack. Double closed circuit type. 274-1240 2.59

- EE** 1/4" Phone Jacks. Accepts standard 1/4" phone plugs. With hardware for easy installation. 2-Conductor. Includes two open circuit, two closed. 274-324 Set of 4/ 3.19
- FF** 2-Conductor, Open Circuit. 274-252 2/ 1.99
- GG** 2-Conductor, Closed Circuit. 274-255 2/ 2.19
- HH** 3-Conductor, Open Circuit. 274-312 2/ 2.59
- II** 3-Conductor, Closed Circuit. 274-311 2/ 2.99
- JJ** 2-Conductor 3/32" Subminiature Phone Jacks. Accepts submini phone plugs. Closed circuit. 274-292 Pkg. of 2/ 1.59
- KK** 2-Conductor 1/8" Miniature Phone Jacks. Mounts in 6mm hole. Usable in panels up to 3mm thick. Easy to install. Open Circuit. 274-251 Pkg. of 3/ 1.69
- LL** Closed Circuit. 274-253 Pkg. of 3/ 1.99



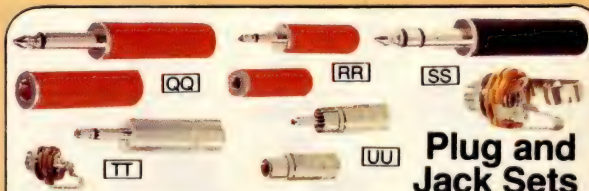
Top-Quality Phono Jacks

- HH** Shielded Phono Jack. Fits 6mm mounting hole. Solder lug terminals. 274-346 Pkg. of 4/ 2.69
- JJ** Plastic Inline Phono Jack. Hex-shape. Strain relief. screw-together plastic housing. 274-337 Pkg. of 4/ 1.49
- KK** Shielded Inline Phono Jack. Solder lugs. Metal construction prevents hum. 274-338 Pkg. of 2/ 1.49
- LL** Dual Phono Jack. Chassis mount for stereo changers, amplifiers, receivers, more. Accepts two phono plugs. Phenolic construction. 274-332 Pkg. of 2/ 1.79
- MM** Quad Phono Jack. Chassis mount design accepts up to four RCA-type phono plugs. Phenolic construction. 274-322 1.39
- NN** Octal Phono Jack. Chassis mount, accepts up to eight RCA-type phono plugs. Phenolic. 274-370 2.29

4-Pin Audio Connectors



- OO** Chassis-Mount Socket. Mates with 4-pin plug. 274-002 1.69
- PP** Mike Plug. Many communications uses. Cable strain relief. Solder terminals. 274-001 2.59

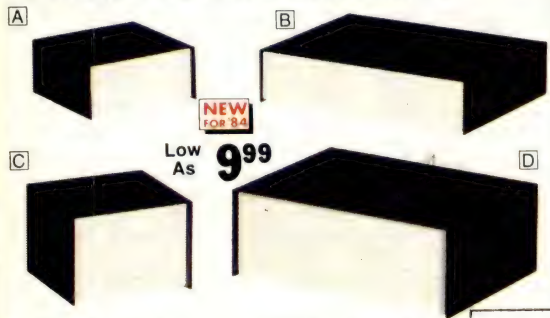


Plug and Jack Sets

- QQ** 1/4" Standard. Phone plugs, inline jacks. One set red, one black. Screw terminals. 274-1241 Pkg. of 2 Sets/ 3.59
- RR** 1/8" Miniature. One black and one red set of two phone plugs, two inline jacks. 274-283 Pkg. of 2 Sets/ 2.29
- SS** 3-Conductor Plug and Jack. 1/4" open-circuit jack, matching phone plug. Solder lug terminals. Includes mounting hardware. 274-323 Set/ 2.39
- TT** 1/8" Miniature. Set of two shielded phone plugs, two closed circuit jacks. All-metal plug prevents hum pickup. 274-336 Pkg. of 2 Sets/ 2.09
- UU** Shielded Phono Plugs, Jacks. Two sets of phono plugs and jacks for audio/video connections. 274-334 Pkg. of 2 Sets/ 2.09

ENCLOSURES AND KNOBS FOR ALL YOUR PROJECTS

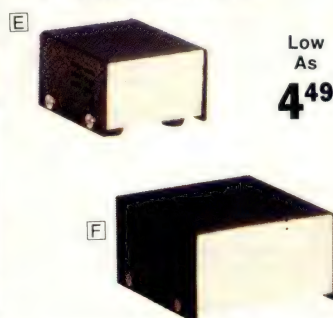
Deluxe Two-Tone Enclosures



Perfect "tens" in looks and quality! Easy-to-work aluminum. Eggshell white bottoms, black tops. With hardware and rubber feet.

Fig.	Size	Cat. No.	Each
A	4.9 x 10.8 x 10.5cm	270-271	9.99
B	4.9 x 21 x 15.6cm	270-272	11.95
C	7.7 x 10.8 x 10.5cm	270-273	12.95
D	7.7 x 21 x 15.6cm	270-274	13.95

Metal Cabinets

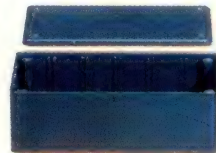


Steel Tops, Aluminum Chassis, Rubber Feet

Fig.	Size	Cat. No.	Each
E	8.3 x 5.4 x 10.2cm	270-251	4.49
F	13.3 x 7.6 x 14.9cm	270-253	7.69

Economy Project Cases

Low As \$3.39

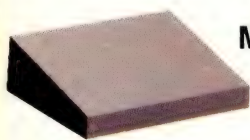


Blue plastic. Internal slots provided to hold PC boards.

Size	Cat. No.	Each
10.2 x 5 x 21.1cm	270-220	3.39
10.2 x 6.2 x 2.7cm	270-221	3.79
12.1 x 6.4 x 3.6cm	270-222	4.49
15.2 x 8.1 x 4.8cm	270-223	5.69
19 x 11 x 5.6cm	270-224	5.99

Slope-Front Metal Cabinets

Low As \$7.99



Ideal for test equipment, audio mixers, control panels and more. Steel construction with classic "hammer-tone" finish and scratch-preventing rubber feet.

Height		Width	Depth	Cat. No.	Each
Front	Rear				
3 5cm	7 3cm	14 9cm	10 5cm	270-264	7 99
3 2cm	8 9cm	27 8cm	20 3cm	270-266	14 95

Experimenter Boxes

Low As \$3.19

- Aluminum Covers
- Plastic Bodies

Size	Cat. No.	Each
8.3 x 5.4 x 2.9cm	270-230	3.19
10.2 x 5.4 x 4.1cm	270-231	3.49
12.9 x 6.7 x 4.1cm	270-233	4.19
15.9 x 9.5 x 5cm	270-627	5.19
19.7 x 11.1 x 6cm	270-232	6.79

Chassis Boxes

Low As \$3.19



Hardware Included

Size	Cat. No.	Each
7 x 5.4 x 4.1cm	270-235	3.19
10.2 x 5.4 x 4.1cm	270-239	3.59
13.3 x 7.6 x 5.4cm	270-238	4.89

Dry Transfers



Four sheets with rub-on letters, symbols, numbers and calibration marks for controls. For plastic and metal surfaces. 270-201 ... 4.79

Knobs for 6mm Shafts



Q/R Deluxe Knobs. Beveled front edge with groove pointer. Aluminum over plastic. Top-quality brass inserts with set-screws. Ideal match for enclosures Figs. A-D.

19mm Diameter. 274-405 Pkg. of 2/2.99

35mm Diameter. 274-406 Pkg. of 2/3.99

S Top Hat. Finely tooled, modern 2-tone styling. Brass set-screw. 274-423 Pkg. of 2/2.69

T Contemporary. Metal over plastic. 274-424 Pkg. of 2/2.89

U Knurled Grip. Chrome plate, aluminum inlay. With set-screw. 38 x 22mm. 0-10 calibrated. 274-392 Pkg. of 3/3.49

V Knurled Grip. 28x17mm. Brass bushings. Single-line pointer. 274-414 Pkg. of 2/2.39

0-10 Calibrated. 274-413 Pkg. of 2/2.39

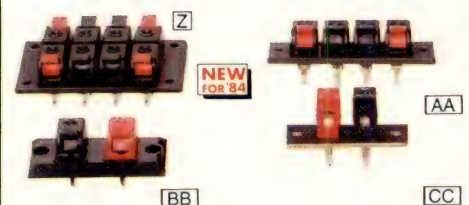
W Hexagon. 35x16mm. 274-407 Pkg. of 2/2.29

X Molded. Brass inserts. 19x11mm. 274-415 Pkg. of 4/2.59

25 x 14mm. 274-416 Pkg. of 4/2.79

Y 19mm Knurled 38mm deep. 274-380 Pkg. of 6/2.99

Pushbutton Terminals



Z NEW! Eight-Position. Spring-action lever release for quick hookup and positive contact. Molded board with mounting holes. 30mm apart. 274-623 4.49

AA Four-Position Version of Above. Molded board with mounting holes. 60mm apart. 274-622 2.79

BB Two-Position Version of Above. Molded board with mounting holes. 41mm apart. 274-621 2.19

CC Two-Position Push Terminals. Spring-action insertion/release. 54 x 19mm board mounting holes 35mm apart. 274-315 1.89

DIN-Type Connectors



J 2-Pin Polarized Plugs. Ideal for speaker hookup to car stereos and use with European hi-fi gear. Solder-type. 274-008 2/1.29

K 2-Pin Polarized Inline Jacks. Mates with Fig. J. Solder-type. 274-009 2/1.29

L 4-Pin Plug. For audio and microcomputer hookups. 274-007 2.19

M 4-Pin Inline Jack. Mates with Fig. L. Solder-type. 274-018 2.49

N 5-Pin Audio/Video Plug. Shielded to prevent RFI pickup. 274-003 2.19

O 5-Pin Inline Jack. Accepts 3 or 5-pin plugs. Solder terminals. Cable strain relief. Shielded. 274-006 2.19

P 5-Pin Chassis Socket. Accepts 3 or 5-pin plugs. Solder terminals. 274-005 1.39

Custom Speaker Terminal Plates

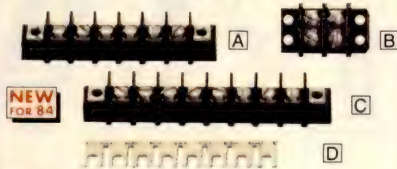


DD Ideal for hi-fi, musical instrument and PA speakers—recessed design lets you mount enclosure close to wall. Spring-action terminals for easy wire hookup, plus centered RCA-type phono jack. Removable plug maintains "seal" of speaker systems. 274-625 3.59

EE Above with 1/4" phone jack in place of phono jack. Includes seal plug. 274-624 3.59

MAKE IT SAFE WITH ARCHER® FUSES & CONNECTORS

Barrier Strips, Jumpers



A Single-Row Barrier Strips

Positions	Cat. No.	Each
2	274-646	1.99
4	274-647	2.69
6	274-648	3.39
8	274-649	4.19

B Dual-Row Barrier Strips

Positions	Cat. No.	Price
4	274-658	2.29 Each
6	274-659	2.39 Each
8	274-670	2.79 Each

C Feedthrough Barrier Strip. Eight screw terminals. Each has a 5mm solder terminal on rear for connections inside of a chassis or enclosure. 274-653 **3.29**

D Eight-Position Jumper. Connects all terminals of #274-649, 274-653 or #274-670. Can be cut to connect two or more terminals of any of the barrier strips above. 274-650 **2.49**

"European" Barriers



Moulded plastic terminal blocks with recessed set-screws to prevent accidental contact. Rated 380V, 15 amps per circuit.

E 8-Position. 274-678 **2.49**

F 12-Position. 274-679 **2.49**

Multi-Conductor Connectors



Indexed Pins. Plugs fit only one way, and only into matching sockets. 7.5 amps, 500V max.

Male Cord Connectors

Mate with female cord or chassis connector below that have the same number of pins.

Pins	Cat. No.	Each
2	274-201	2.79
4	274-204	3.29
6	274-207	3.69

Female Cord Connectors

2	274-202	2.89
4	274-205	3.59
6	274-208	3.79

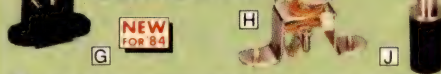
Chassis-Mount Socket. 2-pin socket mates with #274-201. 274-203 **1.59**

5-Lug Terminal Strips



Phenolic, 9.5mm centres. Centre lug for grounding. 274-688 **Pkg. of 4/1.19**

Coaxial DC Power Connectors



G Coaxial DC Power Jacks. For adding DC power jacks to equipment or replacement. Mate with plugs below. With mounting hardware. 5.0mm outside diameter, 2.1mm inside diameter. **NEW FOR 84**

274-1565 **Pkg. of 2/1.49**
5.0mm O.D., 2.5mm I.D. 274-1566 **2/1.49**

H Chassis-Mount Jacks. For coax plugs below. Set of two. One is 2.1mm ID, the other is 2.5mm ID. 274-1549 **Set, 1.59**

J Coax Plugs. Fit external power sockets of most battery-operated equipment. Mate with jacks listed above with same ID and OD

O.D.	I.D.	Cat No.	Pkg. of 2
5.0mm	2.1mm	274-1567	1.69
5.0mm	2.5mm	274-1568	1.69
5.5mm	2.1mm	274-1569	1.69
5.0mm	1.6mm	274-1570	1.69

Fuse Holders



For 5 x 20mm Fuses:

K Inline Holder. Overall length including leads is 43cm. 270-1238 **1.29**

L Panel-Mount Holder. Requires 13mm-diameter mounting hole. 270-362 **1.39**

For 32 x 6mm Fuses:

M Four-Position "Fuse Block". Ideal for automotive use—accepts quick-disconnect (auto-type) connectors, or can be soldered. 30 amps per circuit. Glass-filled polyester. 13mm. 270-742 **4.19**

N Clip-In Chassis-Mount Holder. Ideal for applications within enclosures. Solder terminals. 270-739 **Pkg. of 2/1.09**

O Panel-Mount With Screwdriver Slot. Helps prevent accidental opening. Rated 10 amps at 250VAC. 270-367 **1.29**

P Panel-Mount. 4cm long, requires 13mm mounting hole. Solder terminals. 270-364 **1.49**

Q Panel-Mount. Modern-look square bezel. 4cm long, requires 13mm mounting hole 270-365 **1.59**

R Inline. Spring assures positive contact pressure. Tinned wire leads. 270-1281 **1.49**

S Quick-Connect. For 32 x 6mm Fuses: Solderless, requires 14 to 24-gauge wire. 270-366 **1.59**

Top-Quality Terminal Strips



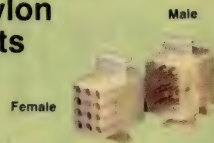
Cadmium Plated

2 Screw Terminals With RCA-Type Phono Jack. 6cm long. 274-620 **Pkg. of 2/1.99**

2 Terminals. (Not shown). 4.3cm long. 274-663 **Pkg. of 2/1.89**

Multi-Conductor Nylon Quick Disconnects

Low As **1.99** Pair



Durable moulded connectors for electronic and automotive use. Polarized to assure proper hookup. Easy to assemble—pins may be crimped or soldered to wire, then inserted into housing. Each circuit rated 4 amps at 250 VAC.

No. of Pins	Type	Cat. No.	Each
4	Male	274-224	2.09
6	Male	274-226	2.39
9	Male	274-229	2.59
12	Male	274-232	2.69
4	Female	274-234	2.09
6	Female	274-236	2.39
9	Female	274-239	2.59
12	Female	274-242	2.69

Two-Pin Male/Female Set. 274-222 **Pair/1.99**

Wide Selection of Fuses



T Fast-Acting, 32 x 6mm

Amps	Cat. No.	Pkg. of 3
1/4	270-1270	1.09
1/2	270-1271	1.09
3/4	270-1272	1.09
1	270-1273	1.09
1.5	270-1274	1.09
2	270-1275	1.09
2.5	270-1260	1.09
3	270-1276	1.09
4	270-1277	1.09
5	270-1278	1.09
6	270-1252	1.09
7	270-1253	1.09
8	270-1254	1.09
10	270-1279	1.09
15	270-1280	1.09

W Fast-Acting Pigtail, 32 x 6mm

Amps	Cat. No.	Pkg. of 2
1/4	270-1220	1.89
1/2	270-1221	1.89
3/4	270-1222	1.89
1	270-1223	1.89
1.5	270-1224	1.89
2	270-1225	1.89
2.5	270-1226	1.89
3	270-1227	1.89

X Fast-Acting Fuses, 5 x 20mm

Amps	Cat. No.	Pkg. of 2
0.315*	270-1249	1.39
1/4	270-1241	1.39
3/4	270-1242	1.39
1	270-1250	1.39
1.5	270-1243	1.39
2	270-1244	1.39
2.5	270-1245	1.39
3	270-1246	1.39
4	270-1247	1.39
5	270-1248	1.39

*For RS digital multimeters #22-189, 22-191, 22-192

U SFE-Type Auto Fuse. 32x6mm -dia. 20 amps. 270-1268 Pkg. of 3/1.29

Amps	Cat. No.	Pkg. of 2
1/2	270-1282	2.29
1	270-1283	2.29
1.5	270-1284	2.29
2	270-1285	2.29
3	270-1286	2.29
5	270-1287	2.29
6	270-1291	2.29
7	270-1292	2.29
8	270-1293	2.29

V Slow-Blow, 32 x 6mm

Slow-Blow Fuses

5 x 20mm

Amps	Cat.No.	Pkg. of 2
315mA	270-9200	1.59
630mA	270-9201	1.59
0.5A	270-9202	1.59
1.0A	270-9203	1.59
1.6A	270-9204	1.59
2.5A	270-9205	1.59

Auto Fuse Kit



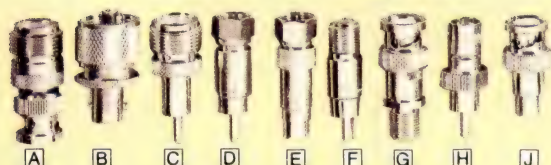
3.39
Set of 10



Pack of most-used glass types. Two SFE-9. One each: AGC-3, AGC-10. Three each: 14-amp and 20-amp. 270-1262 **Set 3.39**

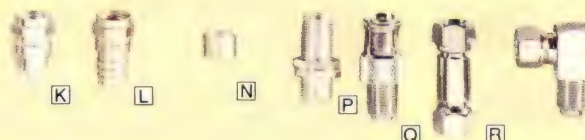
COAXIAL CABLE, CONNECTORS AND ADAPTERS

Video and RF Adapters



- A** UG-255/U Adapter. BNC male to SO-239. 278-120 **4.29**
- B** UG-273/U Adapter. BNC female to PL-259. 278-121 **4.29**
- C** Coax Plug Adapter. SO-239 to Motorola or RCA-type plug. Fits scanner and communication equipment antenna jacks. 278-208 **2.99**
- D** Male "F" Connector to RCA-Type Phono Plug. 278-253 **3.79**
- E** RCA-Type Phono Jack to Male "F" Connector. 278-255 **3.99**
- F** Female "F" to RCA-Type Phono Plug. 278-252 **2.79**
- G** Female "F" to BNC Male. 278-251 **5.29**
- H** BNC Female to RCA-Type Phono Plug. 278-250 **4.29**
- J** RCA-Type Phono Jack to Male BNC. 278-254 **4.29**

TV and FM Antenna Connectors



- K** 75-Ohm Coax Connectors. Type F-59. For RG59/U cable used in TV antenna systems. 278-211 **Pkg. of 2/1.99**
- Type F-56. For RG6/U and "Aluminax"-type coaxial cable. 278-214 **Pkg. of 2/1.99**
- L** Coax "F" Connector. Type CF-59. Long 1/2" crimp ring for greater holding power to RG59/U cable. 278-222 **Pkg. of 2/1.99**
- Type CF-56. Above for RG6/U and "Aluminax"-type coax. 278-223 **Pkg. of 2/1.99**
- N** F-59 Crimp Rings. For replacement on F-59 connectors. 278-216 **Pkg. of 6/99c**
- F-56 Crimp Rings. For replacement on F-56 connectors. 278-217 **Pkg. of 6/99c**

- P** F-81 Coupler. Couples two F-59 connectors. 278-213 **1.49**
- Q** Female "F" Screw-On to Male "F" Push-On. 278-218 **2.09**
- R** "F" Male-"F" Male Adapter. 278-219 **2.29**
- S** Female to Male "F" Right-Angle Adapter. 278-221 **2.99**
- T** Crimping Tool. For "F" connectors. 278-220 **3.99**
- U** Heavy-Duty Hex Crimp Tool. For "F" connectors. Ideal for use with #278-222 and #278-223. 278-241 **12.95**

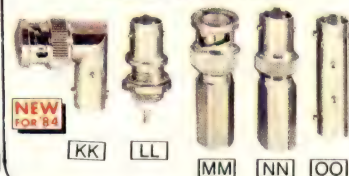
Wide Selection of RF Connectors and Adapters



- V** SO-239 Chassis Mount. UHF-type, plated finish. 278-201 **1.69**
- W** Solderless PL-259 Plug. Allows quick, easy hookup without soldering. For RG58/U cable. 278-196 **Pkg. of 2/4.19**
- X** PL-259 Plug. Standard UHF-type connector, screw-on lock. 278-205 **Pkg. of 2/3.39**
- Y** UG176/U Reducer. For RG59/U cable. 278-204 **Pkg. of 2/1.49**
- UG175/U Reducer. For RG58/U cable. 278-206 **Pkg. 2/1.49**
- Z** Solderless Push-On PL-259 Plug. Plug pushes onto jack. No screw threads. For RG59/U or RG58/U cable. 278-190 **1.99**
- AA** Inline Splicer for RG58/U Cable. Join or extend cable. No special tools needed. Positive contact main-

- tains wire impedance. 278-202 **2.39**
- BB** M-359 Right-Angle Adapter. UHF-type SO-239 to PL-259. 278-199 **3.49**
- CC** M-358 "T" Adapter. UHF-type. Two SO-239s to one PL-259. 278-198 **4.59**
- DD** PL-258 Coupler. Joins two PL-259 plugs. Plated finish. 278-1369 **2.49**
- EE** Double PL-259 Adapter. Joins two SO-239 connectors. For CB and Amateur use with inline TVI filters, SWR meters, antenna switches. Plated finish. 278-192 **2.99**
- FF** Solderless RCA-Type Plug. Ideal for video use. For RG59/U and RG62/U coaxial cables. 278-189 **3.79**
- GG** Motorola-Type Plugs. Fit car radios, most scanners. 274-711 **Pkg. of 2/1.09**

BNC CONNECTORS



- HH** Motorola-Type Jacks With Mounting Flange. 274-712 **Pkg. of 2/1.19**
- JJ** Motorola-Type Jack With Shielded Inline Cable. 274-713 **1.29**
- KK** UG-306/U Right-Angle Adapter. BNC male to BNC female. Teflon insulation. 278-116 **5.99**
- LL** Type 1094 Female BNC. Mounts in single 5/16" hole. 278-105 **2.59**
- MM** Type UG-88 Male BNC. Solderless. For RG58/U cable. 278-103 **3.99**
- For RG59/U and RG62/U. 278-104 **3.99**
- NN** Female BNC for RG58 Cable. 278-113 **3.99**
- For RG59/U and RG62 Cable. 278-114 **3.99**
- OO** UG-914/U BNC Female to Female Adapter. 278-115 **4.29**

High-Grade Coaxial Cable



Available in Bulk

Low As **79¢** Per Metre

Ideal for Amateur radio, CB, TV and FM use. Low-loss polyethylene dielectric with tough black outer jacket. All copper conductors.

Ohms	RG Type	O.D. (mm)	Velocity Factor	Loss Per 100 ft.		Capacitance Per Foot	Center Conductor	Cat. No.	Price Per m
52	8/U	10mm	66%	50 MHz, 3.0 dB	100 MHz, 3.5 dB	29 pF	13-ga. 7 x 21	278-1325	1.99
				200 MHz, 5.0 dB	400 MHz, 8.0 dB				
52	58/U	5mm	66%	50 MHz, 4.0 dB	100 MHz, 5.3 dB	28 pF	20-ga. solid	276-1326	.79
				200 MHz, 8.0 dB	400 MHz, 12.0 dB				
75	59/U	6mm	75%	50 MHz, 1.8 dB	100 MHz, 2.8 dB	15.5 pF	22-ga. solid	278-1327	.79
				200 MHz, 3.9 dB	500 MHz, 7.5 dB				
				700 MHz, 9.1 dB	900 MHz, 10.6 dB				
Also Available in White 278-9513 at 69 cents a metre.									
75	6U	7mm	75%	50 MHz, 1.2 dB	100 MHz, 1.8 dB	18.6 pF	18-ga. solid	278-1324	.79
				200 MHz, 2.7 dB	500 MHz, 5.1 dB				
				700 MHz, 6.7 dB	900 MHz, 8.3 dB				

Coax Cable Stripper

NEW FOR 84

14⁹⁵



Adjustable Blades. For perfect strips with RG-6, RG58, RG8M and RG62 cables, and other cables from 5mm to 10mm diameter.

278-240 **14.95**

CB/Communication Coax Assemblies



52-Ohm

- PP** 6m RG58/U Cable. PL-259 connector at each end. 278-967 **9.99**
- 61cm RG58/U Patch Cable. PL-259 at each end. 278-968 **7.99**
- 1.5m RG/U Patch Cable. PL-259 at each end. 278-969 **9.99**
- 15m RG58/U Cable. PL-259 at each end. 278-971 **21.95**
- QQ** 1.8m RG58/U Cable. Inline SO-239 to PL-259. 278-975 **9.99**
- RR** 6m RG58/U Cable. PL-259 to spade lugs. 278-966 **9.99**

SHOP TANDY FOR YOUR WIRE AND CABLE NEEDS

2-Conductor Speaker Wire

Low-loss, all-copper construction. Ideal for use with solid-state amplifiers. Molded plastic insulation is polarity marked for easy hookup.

Description	Gauge	m	Cat. No.	Each
Miniature Clear	24 solid	22.9	278-1509	4.99
Medium Clear	22 stranded	30.5	278-1385	7.99
Standard Clear	20 stranded	22.9	278-1388	9.49
Low-Loss Clear	18 stranded	9.1	278-1602	5.99
Low-Loss Clear	18 stranded	18.3	278-008	9.99
Low-Loss Clear	16 stranded	15.2	278-1267	11.95
Standard Brown	20 stranded	30.5	278-1387	9.99
Heavy-Duty Brown	16 stranded	9.1	278-1263	7.49
Heavy-Duty Brown	16 stranded	30.5	278-1384	19.95

Zip Cord Specials

Flexible twin-conductor stranded copper wire, plastic insulation. Colors may vary.

Description	Gauge	Metres	Cat. No.	Each
2-Conductor, Plastic	18	9.1	278-864	4.99
Miniature, Plastic	24	15.2	278-1301	4.29
2-Conductor, Plastic	20	9.1	278-1265	4.99
2-Conductor, Plastic	18	30.5	278-1264	13.95

Shielded Cable

Low-loss cable for microphones, audio and communications equipment. All-copper conductors.

Fig.	Description	Metre	Cat. No.	Each
A	Heavy-Duty with braided shield	12.2	278-751	9.99
A	Single-Conductor with braided shield	6.1	278-1277	4.29
B	Miniature with spiral wrap shield	9.1	278-752	5.99
C	2-Conductor with spiral wrap shield	15.2	278-1275	9.49
C	2-Conductor with spiral wrap shield	6.1	278-1276	4.99

Hook-Up Wire Packs

Single Spools, Single Color

(Colors vary.)

Fig.	Type	Ga.	m	Cat. No.	Each
F	Stranded	18	16.8	278-1292	4.29
	Stranded	20	22.9	278-1293	4.29
	Solid	22	30.5	278-1295	4.29
	Stranded	22	27.4	278-1296	4.29

3 Spools, 3 Assorted Colors

Type	Ga.	Total m	Cat. No.	Each
Solid	18	18.3	278-1302	4.29
Stranded	18	13.7	278-1303	4.29
Solid	20	22.9	278-1305	4.29
Stranded	20	18.3	278-1304	4.29
Solid	22	27.4	278-1306	4.29
Stranded	22	22.9	278-1307	4.29

"Wrap Up" Your Wiring Jobs



G 100mm Wire Ties. Nylon, self-locking for permanent attachment. Unbreakable.

278-1632 Pkg. of 30/2.29
127mm Ties. 278-1631 Pkg. of 30/2.99
200mm Ties. 278-1642 Pkg. of 30/3.29

H Wire-Tie Mounts. Self-adhesive, hold ties to any smooth, non-porous surface. 19x19mm. 278-441 Pkg. of 10/1.99

J Heat-Shrinkable Tubing. Fits over wire and shrinks to half its original diameter when heated. 1.5 x 13mm sizes. 278-1627 Pkg. of 7/2.99

K Strain Reliefs. One-piece construction absorbs pull and twist. Set of six SPT2 types. 278-9636 Set, 99c

L Cable Freedthrough Bushing. For neater installation of RG/59, RG/58 and RG/62 cables. 278-1643 Pkg. of 2/69c

M Cable Clips. For cables up to 9.5mm dia. Self-adhesive. For smooth, non-porous surfaces. 278-1640 Pkg. of 10/2.99

N Coax Clips. Nail to wall, keep cable in place. For RG58/U. 20-192 Pkg. of 10/1.69
For RG6/U. 20-193 Pkg. of 6/1.69

O Spiral Wrap. Neatly bundles long lengths of wire. 1.5m clear and 1.5m black. 9.5mm. 278-1638 4.99

P Universal Cable Clip. Adjusts to wire size, up to 12.7mm in diameter. Self-adhesive. 278-1639 Pkg. of 10/2.69

Q Connector Sealant Tape. Waterproof, low-loss, non-corrosive. Stays flexible. Ideal for outdoors antenna connections. 1.5m x 12.7mm. 278-1645 3.99

R AC Cord Ties. For neater installation of power cords and other cables. 278-1646 Pkg. of 6/69c

Solid Buss Wire



15 Metres Pretinned 24-gauge copper wire is ideal jumper and ground wiring on perforated boards. Plastic spool. 278-1341 2.39

Magnet Wire

Ideal for Winding Coils



Three different gauges of wire, each on a separate spool. You get 12.3m of 22-gauge, 23m of 26-gauge, 61m of 30-gauge. 278-1345 Pkg. of 3 Spools/7.59

Test Probe Wire

Flexible plastic insulation, 20-gauge stranded copper. 7.7m long. Red. 278-553 3.89
Black. 278-554 3.89

Telephone Cable



S Four-Conductor Cable. 24-ga. solid-copper conductors with standard color-coded insulation. 30m. 278-373 18.95

T Modular Cable. Four conductors, 26-gauge, color-coded insulation. 15m. 278-365 8.49

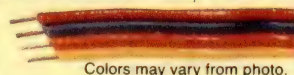
Two-Conductor Bonded

One red and one black. 18-gauge stranded. 7.7m. 278-1250 11.95

Heavy-Duty Wire

12-gauge, 6 metre length
Black. 278-1280 5.09
Red. 278-1289 5.09

Rainbow Wire Packs



Colors may vary from photo.

Flexible flat cable, color-coded PVC insulation. For low-voltage hookups, intercoms. 24-gauge solid copper.

2-Conductor, 10.7m. 278-755 4.49
4-Conductor, 7.7m. 278-757 4.49

Intercom Cable

24-gauge. Color-coded insulation.

Description	Feet	Cat. No.	Each
2-Wire solid	75	278-559	5.99

Color-Coded Test Leads and Jumper Cables

U Set of 10 Test Lead Cables. 35cm long with miniature insulated alligator clips on each end. 278-1156 4.99

U Set of 4 Test Lead Cables. 76cm long. Insulated clips at both ends. Red, green, black, yellow. 278-001 4.99

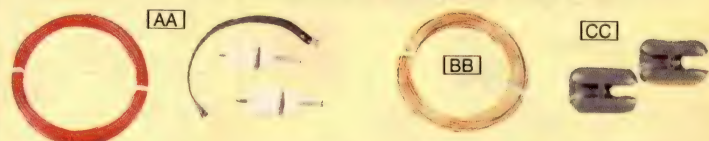
V 8-Pack of 60cm Cables. Four colours, clips at each end. 278-1157 5.99



Replacement Cord

1.2m Polarized, Fused DC Cable. Ideal replacement for auto stereo, CB power cables. Quick-disconnect plug and inline holder for a 32 x 6mm fuse (not included). 270-025 3.79

Shortwave Antenna Kit and Accessories



AA BB CC Complete Antenna Kit. Everything you need for outdoor hookup. Kit includes 23 metre of copper antenna wire, 15 metre lead-in wire, window feed-thru, insulators and complete instructions. 278-758 18.95

BB Heavy-Duty Antenna Wire. Seven strands of 22-gauge bare copper for maximum strength. 278-1329 20m for 7.49

CC Insulators. Strong, low-loss material. For antenna or guy wire installation. Style may vary slightly. 270-1518 Pkg. of 2/1.79

QUALITY CAPACITORS AT EVERYDAY LOW PRICES

TV-Sound Ceramic Filter



99¢ Pre-Tuned, No Peaking Needed

SFE4.5MB. Ideal for use in projects and adapters. Will also replace 4.5 MHz transformers in many solid-state circuits. 3 dB bandwidth: 105 kHz, typical. Input/output impedance: 1000 ohms. 272-1304 **99¢**

NEW FOR '84

TV-Sound Discriminator

Eliminates Detector Tuning

1.09



CDA4.5MD3 Discriminator. This 4.5 MHz ceramic device replaces differential peak detector coils. Ideal for use with our FM Detector IC #276-1759, page 92. 272-1305 **1.09**

Trimmer Capacitors

5-60 pF. PC mount, mini screwdriver slot adjustment. For IF and low-level RF peaking. 272-1340 **2/1.99**



TV Colorburst Crystal

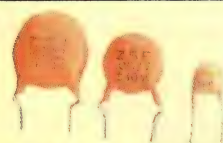
3.579545 MHz. Precision frequency standard in HC18/W package (wire leads). 272-1310 **3.39**



100 Disc Capacitors

4.89

Includes NPOs, Hi-Qs, N-750s, Mylar and ceramic types. Values from 2 pF to 0.1 µF in working voltages up to 1000 volts. 272-801 **Set of 100/4.89**



Versatile Polyester Capacitors



NEW FOR '84

Low As 1.09

Metalized polyester. IC-spaced pins. High temperature stability—similar to silver mica types. All rated 63 WVDC, 20% tolerance.

µF	Cat. No.	Each
.01	272-110	1.09
.1	272-111	1.29
.47	272-112	1.59

Printed Circuit Capacitors

- Epoxy Coated
- 50 WVDC

Low As 69¢

Miniature size, rugged construction. High stability and dielectric strength. Long radial leads.

Pkg. of 2

µF	Cat. No.	Pkg. of	Price
.01	272-1065	2	.69
.022	272-1066	2	.79
.047	272-1068	2	.79
.1	272-1069	2	.89
.22	272-1070	2	.99



Solid Tantalum Capacitors



16 WVDC Minimum

NEW FOR '84

Low As 89¢

Standard IC pin spacing. 20% tolerance.

µF	Cat. No.	Each
0.1	272-1432	.89
0.47	272-1433	.89
1.0	272-1434	.89
2.2	272-1435	.99
10	272-1436	1.09
22	272-1437	1.19

Ceramic Disc Capacitors



Low As 49¢ Pkg. of 2

For RF, Bypass and Coupling Applications

Moisture-proof coating. Hi-Q design for low loss in RF circuits. 50 WVDC minimum.

pF	Cat. No.	Pkg. of 2	µF	Cat. No.	Pkg. of 2
4.7	272-120	.49	.001	272-126	.49
47	272-121	.49	.005	272-130	.49
100	272-123	.49	.01	272-131	.49
220	272-124	.49	.05	272-134	.59
470	272-125	.49	.1	272-135	.59

Non-Polarized Electrolytics

Low As 89¢

Ideal for speaker crossover networks and audio filters. Long axial leads. Rated 50 WVDC.

µF	Approx. Crossover Frequency (8 ohms)	Cat. No.	Each
1.0	10 kHz	272-996	.89
2.2	8 kHz	272-997	.89
4.7	4 kHz	272-998	.99
10.0	2 kHz	272-999	1.09

Metal Film Capacitors



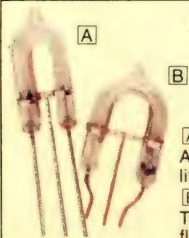
- Epoxy Dipped
- 250 WVDC

Low As 69¢

Aluminum deposited polyester film for low leakage and high temperature stability. For PC and point-to-point wiring.

µF	Cat. No.	Each	µF	Cat. No.	Each
.01	272-1051	.69	.22	272-1058	.99
.047	272-1052	.79	.47	272-1054	1.09
.1	272-1053	.89	1.0	272-1055	1.19

Xenon Strobe Tubes



Low As 3.99

A Replacement Tube. Trigger: 4kV Anode: 200V minimum. 100,000-flash life. 272-1145 **3.99**

B "Monster" Strobe. Super bright. Trigger: 6kV. Anode: 500V. 5 million-flash life. 272-1147 **4.99**

Electrolytic Capacitors

Axial Type

Low As

PC Type



49¢



Axial Types

µF	WVDC	Cat. No.	Each
.47	35	272-1012	.59
10	35	272-1013	.69
100	35	272-2026	.89
1000	35	272-1019	1.69
2200	35	272-1020	2.69
3300	35	272-1021	3.69
4700	35	272-1022	3.79
470	50	272-1046	1.59
1000	50	272-1047	1.99
2200	50	272-1048	3.49

PC-Mount Types

µF	WVDC	Cat. No.	Each
220	16	272-956	.89
470	16	272-957	.99
1000	16	272-958	1.09
4.7	35	272-1024	.49
10	35	272-1025	.69
47	35	272-1027	.79
100	35	272-1028	.89
220	35	272-1029	.89
470	35	272-1030	.99
1000	35	272-1032	1.69

Color-Code Guide



Only 89¢

Pocket-sized and really handy! Gives you fast, direct readout of resistor, capacitor and inductor values in ohms, pF and µH, plus tolerances. RETMA standard. 271-1210 **89¢**

Micronta® Precision Panel Meters for DC Circuits



STILL AT 1983 CAT. PRICE

11.95 Each

- 0-15 Volts
- 0-1 Milliamp
- 0-50 Microamps

Know "what's going on" in critical DC circuits! Jeweled D'Arsonval movements. Accuracy, ±5% full scale. 7 x 6 x 3cm. Require 48mm round mounting holes, nt-ing holes.

0 to 1 mA DC. 270-1752 **11.95**
0 to 15 VDC. 270-1754 **11.95**

WIDE SELECTION OF RESISTORS AND CONTROLS

1/2-Watt, 10% Resistors 29¢ Pkg. of 2

Ohms	Cat. No.
10	271-001
15	271-003
22	271-005
33	271-007
47	271-009
68	271-010
82	271-011
100	271-012
150	271-013
220	271-015
—	—

Ohms	Cat. No.
270	271-016
330	271-017
390	271-018
470	271-019
560	271-020
680	271-021
1k	271-023
1.2k	271-024
1.5k	271-025
1.8k	271-026
2.2k	271-027

Ohms	Cat. No.
3.3k	271-028
4.7k	271-030
10k	271-034
15k	271-036
22k	271-038
47k	271-042
100k	271-045
150k	271-047
220k	271-049
470k	271-053
1 meg	271-059

1/4-Watt, 5% Resistors 39¢ Pkg. of 5

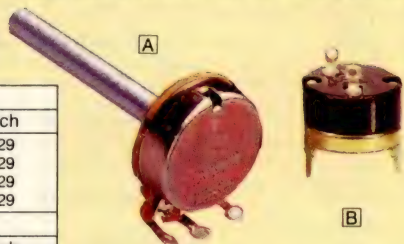
Ohms	Cat. No.
10	271-1301
100	271-1312
150	271-1312
220	271-1313
270	271-1314
330	271-1315
470	271-1317

Ohms	Cat. No.
1k	271-1321
2.2k	271-1325
4.7k	271-1330
10k	271-1335
22k	271-1339
33k	271-1341
47k	271-1342

Ohms	Cat. No.
100k	271-1347
220k	271-1350
470k	271-1354
1 meg	271-1356
100k	271-1365
—	—
—	—

Potentiometers for Replacement and Projects

[A] Potentiometers. All have a 43mm-long, 6mm-diameter shaft and include hardware for mounting in a 8mm hole.



Audio Taper		
Ohms	Cat. No.	Each
5k	271-1720	1.29
10k	271-1721	1.29
100k	271-1722	1.29
500k	271-1723	1.29
Linear Taper		
Ohms	Cat. No.	Each
5k	271-1714	1.29
10k	271-1715	1.29
50k	271-1716	1.29
100k	271-092	1.29
500k	271-210	1.29
1 meg	271-211	1.29

[B] SPST Pot Switch. On/off switch mounts on rear of audio taper and linear taper potentiometers. Rated 1.5 at 250VAC. With installation instructions. **271-1740 89¢**

PC Board-Mount Potentiometers



Thumb or screwdriver adjustable. Rated 1/4 watt. 260° rotation.

Ohms	Cat. No.	Each
500	271-226	.99
1k	271-227	.99
5k	271-217	.99
10k	271-218	.99
50k	271-219	.99
100k	271-220	.99
500k	271-221	.99
1 meg	271-229	.99

99¢ Each

15-Turn Pot

NEW FOR '84

2.99



20,000 Ohms, ±10%. Rated 3/4 watt, 300V max. Screwdriver adjust. For mounting on PC boards. 6.5 x 4.5 x 19.1mm. **271-340 2.09**

Wirewound Power Resistors

Low As **79¢ Each** Axial Leads

Watts	Ohms	Tolerance	Cat. No.	Price
2	10.0	10%	271-080	2/89¢
5	0.47	10%	271-130	Ea. 79¢
10	1.0	10%	271-131	2/1.49
10	10.0	10%	271-132	2/1.49
10	50.0	10%	271-133	2/1.49
10	100.0	10%	271-135	2/1.49



Mini PC Pots

89¢ Each

1/4-Watt

Ohms	Cat. No.	Each
1k	271-333	.89
10k	271-335	.89
25k	271-336	.89
100k	271-338	.89
500k	271-339	.89



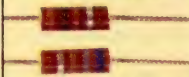
41-Step Stereo Control

3.89



Ideal for new or replacement use. Dual click-stop pots with single 12.7mm-long, 6mm-diameter shaft. 40% loudness contour tap. For 9.5mm-diameter mounting hole. **271-1732 3.89**

Resistor Kits



4.49 Each

Were \$2.99 in 1983 Catalog

1/2-Watt. 10% Tolerance. 100-piece set. 21 popular values from 100 ohms to one meg. **271-306 Set. 4.49**

1/4-Watt. 5% Tolerance. 100-piece set with 13 popular values, 10 ohms to 1 meg. **271-308 Set. 4.49**

Joystick Pot

5.99

Build Your Own Joystick Control



Dual 100,000-ohm linear taper potentiometers controlled by a single 25mm-long shaft. Body: 36.5mm, square. With mounting screws. **271-1705 5.99**

Resistor Networks

NEW FOR '84

1.99

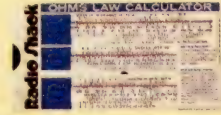
Each IC Pin Spacing

Five separate 1/4-watt resistors in one package.

Ohms	Cat. No.
470	271-095
1000	271-096
10k	271-097



Ohm's Law Calculator



89¢ Pocket-Sized

Easy to use—provides quick answers to Ohm's law problems. Flip-side has scales for parallel resistance calculations. **271-1211 89¢**

Archer® Deluxe Competition Joystick

NEW FOR '84

19.95

True Arcade Quality at An Incredible Low Price!

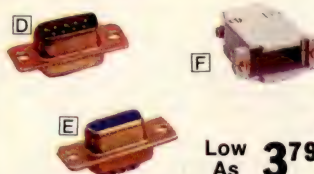
Suction Cups on Base for Stable One-Hand Operation

One of the finest joysticks available! Features a "jet fighter" contoured handle and two firing buttons—one on handle and another on the base. Grips on base for "two-hand" operation, also. Includes 1.2m cable with universal 9-position connector. Great replacement or up-grader—fits Atari VCS, Atari 400, 800 and 2600, Sears Video Arcade, Commodore 64 and VIC 20, and more. 15.6 x 8.9 x 11cm. **270-1701 19.95**



Atari® is a registered trademark of Atari, Inc. VIC-20 is a registered trademark of Commodore International. Sears Video Arcade is a trademark of Sears Roebuck and Co.

D-Sub Connectors



Low As **3.79**

9-Position. Fit joystick ports of many video games and computers. Ideal for making joystick extension cords.

[D] Plug. 276-1537	..... 3.79
[E] Socket. 276-1538	..... 4.79
[F] Hood. 276-1539	..... 4.19

Extension Cable

NEW FOR '84

14.95

• 1.5 Metre Long
• Ready to Plug In



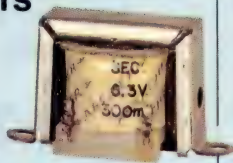
Nine-conductor ribbon cable with male 9-position D-sub connector on one end, female connector on other. Can be used with 270-1701 (above) and many other popular joysticks. **276-1977 14.95**

WE HAVE THE TRANSFORMERS AND CLIPS YOU NEED

High-Quality Power Transformers

Ideal for Power Supplies and Projects

Eleven popular values for new equipment or replacement use. Miniature types may be PC board mounted. Standard and heavy-duty types have steel frames for chassis mounting. All primaries are for 240V, 50 Hz.



Type	Volts	Current	Cat. No.	Each
Miniature	6.3	450 mA	273-7011	5.99
Miniature	12 CT	450 mA	273-7012	5.99
Miniature	24 CT	450 mA	273-7013	6.49
Miniature	12	300 mA	273-9007	5.99
Standard	12.6 CT	1.2 A	273-9004	9.99
Heavy-Duty	25.2 CT	2 A	273-9011	24.95

Ferrite Beads

NEW FOR '84
1.39 Pkg. of 10

For EMI/RFI Reduction

Install over insulated wires or on the leads of transistors, resistors, capacitors to reduce reception or transmission of radio frequency interference. Diameter of hole: 0.7mm. BF40 material. Initial AC permeability: 750. 273-098 Pkg. of 10/1.39

Speaker Choke

NEW FOR '84
4.99



1.2 Millihenry. For speaker crossover networks — attenuates above 1 kHz. Handles up to 80 watts continuous. Compact — can be installed in small enclosures. Distortion less than 0.08%. Approximately 25.4x41x425.4mm, 50mm leads. 273-099 **4.99**

Miniature Audio Output Transformer

1.69



1000-ohm centre-tapped primary. 8-ohm secondary. For single-ended or push-pull output circuitry. 19 x 16 x 19mm. Color-coded areas. 273-1380 **1.69**

Quiet 240V Cooling Fan

NEW LOW PRICE

16.95

Was \$24.95 in 1983 Catalogue

Ideal for Computers, Power Supplies, Ham & Hi-Fi Equipment



Cools components to extend life and boost performance! Delivers up to 65 CFM. Features diecast venturi, high efficiency blades, leads for easy hookup. For 240VAC. 5 watts. 11.9 x 11.9 x 6.4cm. 273-9241 **16.95**

DC Motor Bargains

Only **2.49** Pkg. of 4



For models, robots, hobby projects and more. Permanently lubricated bearing. Shaft has plastic gear. 1.5 to 6VDC. Overall length 35mm. 273-222 Pkg. of 4/2.49

Mini Audio Amplifier With Built-In Speaker



- High-Gain IC Design
- 200-Milliwatt Output

21.95

Compact, multi-purpose amplifier with volume control, on/off switch. Two 1/8" phone jacks — one for input, one for external speaker/earphone (not incl.). 100-10,000 Hz response. 1 mV input sensitiv. 6.3 x 9.8 x 4.4cm. Requires 9V battery. 277-1008 **21.95**

Big Selection of Test Clips, Probes and Plugs



A 5" Solderless Test Prods. 12.7mm-long tip fits standard phone tip jacks. One red, one black. 274-720 Pkg. of 2/1.89

B Solderless Banana Plugs. Insulated, fits standard banana jacks. Knurled collar. 50mm long. One red, one black. 274-721 Pkg. of 2/1.59

C Flexible Banana Plugs. As above, with flexible insulation, strain relief. Solder type. One red, one black. 274-730 Pkg. of 2/1.59

D Solderless Phone Tips. Fits standard phone tip jacks. Knurled collar 54mm long. One red, one black. 274-723 Pkg. of 2/1.59

E Banana Jacks. Insulated. Require 6mm mounting holes. With fiber washers, solder lugs. One red, one black. 274-725 Pkg. of 2/1.29

F NEW! Printed Circuit Board Test Jacks. Pin fits PC board holes. Jack accepts standard test probe tips. 274-728 Pkg. of 8/2.19

G Insulated Binding Posts. Versatile — they accept spade lugs, phone tips, banana plugs or wire. With hardware, solder lugs. Two red, two black. 274-661 Pkg. of 4/2.99

H Nylon Binding Posts. Insulated. For 5mm mounting holes. Accept up to 14-gauge wire. With solder lugs. One red, one black. 274-662 Pkg. of 2/2.49

J Pushbutton Binding Posts. For 8mm mounting holes. Accept up to 14-gauge wire. With solder lugs. One red, one black. 274-660 Pkg. of 2/2.29

K Micro Test Clips. Spring-action. Ideal for testing on high-density PC boards. 38mm long. Solder type. One red, one black. 270-370 Pkg. of 2/2.19

L Mini Test Clips. As above, but 54mm long. One red, one black. 270-372 Pkg. of 2/2.39

Insulated Alligator Clips



N Mini Clips. 32mm jaws open to 5mm. Solder type with crimp fins. Includes 3 black, 3 red, 2 green, 2 yellow. 270-378 Set of 10/2.19

O 35mm Mini Clips. Open to 6mm. Screw terminals. 6 black, 6 red. 270-1545 Set of 12/2.59

P Heavy-Duty Clips. Rated 10 amps. 67mm long, open to 12.7mm. Includes 2 black and 2 red. Screw terminals. 270-349 Set of 4/2.79

Q "Battery" Clips. Ideal for chargers and other hookups to automotive battery posts. 57mm long, open to 22mm. One red, one black. Solder or crimp. 270-344 Set of 2/1.89

R 57mm Clips. Open 8mm. Solderless. 3 red, 3 black, 2 green, 2 yellow. 270-375 Set of 10/2.19

S 57mm Clips. Open to 11mm. Screw terms. 5 red, 5 black. 270-347 Set of 10/2.59

T Mini Alligator Clips. 35mm long. 5 red, 5 black. 270-374 Set of 10/1.99

Non-Insulated Alligator Clips



W 50mm Slim Clips. All steel with screw terminals. 270-346 Pkg. of 10/2.39

X Claw Clips. Rated 5 amps. 41mm long, open to 8mm. Screw terminals. 270-345 Pkg. of 8/2.29

Y Mini Clips. Rated 1 amp. 32mm long, open to 5mm. 270-380 Pkg. of 12/1.99

Z All-Purpose Micro Clips. Copper-plated, non-serrated ends. 29mm long, open to 6mm. 270-373 Pkg. of 10/1.59

MORE BRIGHT IDEAS FOR BUILDERS AND FIXERS

Long-Life Incandescent Globes

Low As **89¢**



Volts	mA	Type	Base	Cat. No.	Pkg. of	Price
1.5	25	—	Leads	272-1139	1	.99
2.25	250	222*	Threaded	272-1124	2	.89
2.33	270	PR-4	Flange	272-1122	2	.89
2.38	500	PR-2	Flange	272-1120	2	.89
2.47	300	14	Threaded	272-1132	2	.99
3.57	500	PR-3	Flange	272-1121	2	.89
4.75	500	PR-13	Flange	272-1151	2	.99
4.8	500	PR-15	Flange	272-1125	2	1.09
5.95	500	PR-12	Flange	272-1123	2	.89
6.0	25	—	Leads	272-1140	1	.99
6.0	100	T-13/4	Threaded	272-1142	2	1.09
6.3	250	44	Bayonet	272-1108	2	.89
6.3	150	47	Bayonet	272-1110	2	.89
6.3	150	40	Threaded	272-1128	2	.99
6.3	250	46	Threaded	272-1130	2	.99
7.5	220	50	Threaded	272-1133	2	1.09
8.0	300	T-3	End Cap	272-1136	2	1.59
12.0	75	T-13/4	Threaded	272-1143	2	1.09
12.0	25	—	Leads	272-1141	1	.99
12.0	250	T-3	End Cap	272-1137	2	1.59
14.0	230	1891	Bayonet	272-1112	2	.89
14.0	200	1815	Bayonet	272-1118	2	.89
14.0	200	1487	Threaded	272-1134	2	.99
14.0	200	52	Threaded	272-1127	2	1.19
28.0	40	1819	Bayonet	272-1119	2	.99

* = Pre-Focus Penlight Type.

Neon Lamps

Operate from 70 volts and up. Use dropping resistor value from chart for 120VAC use.

Type	Watts	Series Resistor	Cat. No.	Pkg. of 2
NE-2	1/25	220k	272-1101	.79
NE-2H*	1/4	22k	272-1102	.89

*High brightness

Neon Lamps With Dropping Resistor. NE-2 bulb, ready to use in 120-volt circuits. 1/25 watt. **272-1100** Pkg. of 2/1.29

NEW! Green Neon Lamps With Resistor. For 120VAC applications. A great change of pace from conventional "orange" neons. **272-1103** Pkg. of 2/1.69

Low-Voltage Colored Mini Lamps

These incandescent bulbs are perfect for use in doll houses, model railroads, hobby projects and more. One red, one yellow and one green. 60 mA current. With 12cm leads.

Voltage	Cat. No.	Pkg. of 3
6	272-1098	1.29
12	272-1099	1.29

1²⁹

Pkg. of 3

Replacement Antennas

Replace broken or damaged whips. Plastic safety tip.

Sections	Extends to	Cat. No.	Each
5	77cm	270-1401	4.49
4	86cm	270-1402	4.99
3	100cm	270-1403	5.49

NEW FOR '84

Low As **4⁴⁹**

Panel Lamp Holders and Assemblies



Low As

2¹⁹

The Perfect "Finishing Touch" For Your Projects

Lamp Holders

Require globes—select from chart at left.

B "Mini" Panel Lamp Holders. One lamp holder with one red and one green lens. Miniature-base lamps required. Length, 30mm, 16mm mounting hole.

For Bayonet-Base Lamps. 272-325 2.39

For T-1 3/4 Submini Bulbs. 1.5 x 27mm. 272-326 Pkg. of 2/2.59

12-Volt Lamp Assemblies

Include prewired globes.

C High-Brightness Lamp Assemblies. One red, one green. Solder terminals. Requires 9/32" mounting hole (metal panel suggested) **272-331 Pkg. of 2/2.19**

D "Micro" Lamp Assemblies. One red, one green. With leads. 12V at 60 mA. Require 7/32" mounting holes, metal panel recommended. **272-334 Pkg. of 2/2.19**

E Snap-In Lamp Assemblies. One red, one green. Mounting tabs for 6mm diameter hole. 10cm leads. **272-332 Pkg. of 2/2.39**

F As above, but With One Amber, One Blue Lens. 272-335 Pkg. of 2/2.39

Neon Lamp Assemblies

Prewired dropping resistor for 120VAC use.

NEW! "Jumbo" Neon Lamp Assembly. A pilot light that can't be overlooked. Require 16mm diameter mounting hole.

G Red. 272-710 2.59

H Green. 272-711 2.59

J Neon Panel Lamp Assemblies. One green, one amber. 9/32"-diameter mounting holes. With 7.6cm leads. **272-707 Pkg. of 2/2.89**

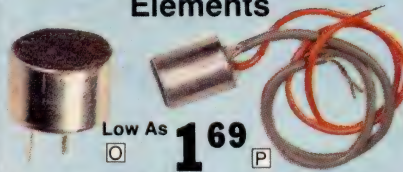
K Neon Panel Lamp Assemblies. One red, one yellow in classy chrome holders. 9.5 x 38mm. Require 8mm mounting holes. **272-703 Pkg. of 2/2.89**

L Neon Panel Lamp Assemblies. One red, one green. With leads. Fit 8mm mounting hole. **272-708 Pkg. of 2/2.89**

Neon Lamp Assemblies. Set of two: one red, one yellow. For 11mm mounting holes.

M Square Lens. 272-704 . . Pkg. of 2/2.39

Electret Microphone Elements



Low As

1⁶⁹

Q PC Board-Mount. Omnidirectional. Operates from 2-10VDC with very low current drain, 1 milliamp max. 20 to 15 kHz \pm 4 dB. 6.6 mm high. **270-090 1.69**

P Omnidirectional Electret. Perfect for projects and upgrading old mikes. Remarkably clean 30 to 15,000 Hz response. 4-10VDC. 11x9.5mm dia. With leads. **270-092 4.39**

Plastic Battery Holders

Low As

59¢



Series Wiring. Have output leads, except †, which have snap connector.

Holds	Cat. No.	Each
2 "AA"	270-382†	.99
4 "AA"	270-383†	1.09
4 "AA"	270-391	1.09
8 "AA"	270-387†	1.49
2 "C"	270-385	1.29
4 "C"	270-390	1.49
2 "D"	270-386	1.49
4 "D"	270-396	1.69
4 "D"	270-389	1.69
1 "AA"	270-401	.59
1 "C"	270-402	.69
1 "D"	270-403	.79

9-Volt Battery Snaps

Pkg. of 5

1⁴⁹

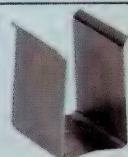
For projects, replacement or use with holders, above. **270-325 5/1.49**



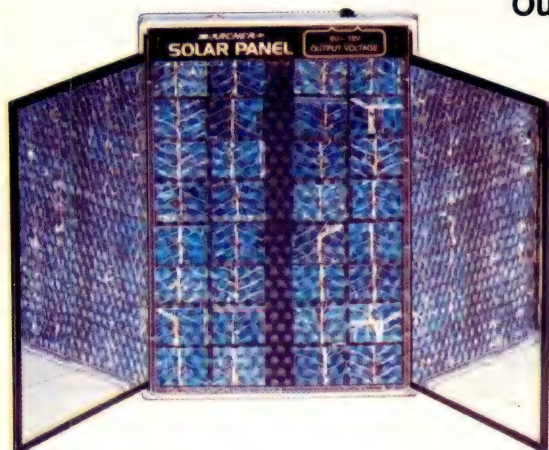
9V Battery Holders

69¢

Tame "wild" rectangular batteries! Mounts with screw or glue. **270-326 2/69¢**



BIG VALUES IN SOLAR POWER, ELECTRICAL TESTERS

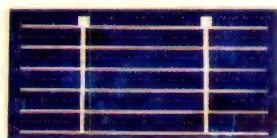


Our Portable Solar Panel Puts The Sun to Work Tandy Exclusive!

- Contains 32 First-Quality Cells
- Switchable 12VDC or 6VDC Output
- 121.9cm Plug-In Power Lead with Clips

32⁹⁵

Ready to use! Converts bright sunlight into approximately 1/2-watt of 'free' electrical power. Ideal for charging batteries or powering small devices directly. 80 milliamps at 6V, 40 mA at 12V, typical. With special lens and detachable 12.7x10cm reflector panels. 14.6x10.5x1.6cm. Not for permanent outdoor installation. 277-1250 32.95



Silicon Solar Cell

- High Output
- Manufacturer's Prime

6⁵⁹

This 2.5 x 5cm cell produces approximately 0.2 amp at 0.42VDC in full sun. Use several to charge batteries or power projects. 276-124 ... 6.59

High-Voltage Quick Tester

90 to 500 Volts, AC or DC



NEW LOW PRICE

1²⁹

Was \$1.39 in 1983 Catalogue

For quick checks on house wiring, electrical and electronic devices. Neon bulb indicates live circuit. Handy pocket clip. 272-201 1.29

Low-Voltage Quick Tester

5 to 50 Volts, AC or DC



NEW LOW PRICE

1⁷⁹

Was \$1.99 in 1983 Catalogue

Ideal for checking automotive wiring and battery-operated devices. LED glows on live circuit, indicates DC polarity. 272-202 1.79

Solar Energy Project Kit

17⁹⁵

Ideal for Models

A silicon solar cell pre-wired to a precision DC motor. Perfect for building model windmills, boats, science fair projects. With color wheels, mini propeller, project booklet. 277-1201 ... 17.95



Handy Continuity Tester

6⁹⁵

STILL AT 1983 CAT. PRICE

Doubles as a Light Duty Screwdriver

Helps spot broken wiring, burned out incandescent bulbs and more. Cord has small 'gator clip. Has replaceable #222 bulb. Requires "AAA" battery (not incl.). Not for use in live circuits. 22-4035 6.95



Big Selection of Low-Cost, High-Quality Relays for Your Projects

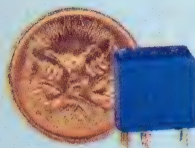
Micro-Mini SPDT, 5VDC Coil

NEW LOW PRICE

2⁹⁹

Was \$3.19 in 1983 Catalogue

Just 8.7 x 9.5 x 6mm, ideal for crowded PC boards. Contacts rated 1 amp at 125VAC. 55-ohm, 90 milliamp coil. 100" pin spacing. 275-240 2.99



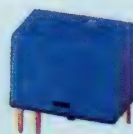
ACTUAL SIZE

SPDT DIP Relay, 5VDC Coil

3⁴⁹

9.5 x 14 x 9.5mm

Fits 14-pin DIP socket or mounts on PC boards with 2.5mm hole centres. Contacts: 2 amps at 125VAC. 5VDC, 72 mA, 70-ohm coil. 275-243 3.49



Mini SPDTs With 3-Amp Contacts

3⁹⁹

Each

For limited-space projects. Contacts: 3 amps at 125VAC. 5VDC coil, 70 ohms. 72 mA. 275-246 3.99
With 12VDC Coil. 275-247 3.99



14 x 19.8 x 15.8mm

Submini DPDT DIP Relays

- Fit 16-Pin DIP Sockets
- Mount on PC Boards

5VDC Coil. Contacts: 1 amp at 125VAC. Coil: 100 mA, 50 ohms. 11 x 19.8 x 9.5mm. 275-215 6.59
12VDC Coil. 275-213 6.59



6⁵⁹ Each

Mini SPDT Relays

3⁹⁹ Each

6-9VDC, 500-Ohm Coil. Typical drain 12 mA — ideal for battery-powered circuits. Contacts: 1 amp at 125VAC. 25 x 27 x 19mm. 275-004 3.99
12VDC Coil. 275-003 3.99



Wire Leads

Miniature DPDT With 12VDC Coil

Was \$6.99 in 1983 Catalogue

6⁵⁹

Contacts: 3 amps at 125VAC. Coil: 75 mA, 160 ohms. Transparent case, 31.8 x 25 x 19mm. Chassis or PC-mount socket has clips for relay. 275-206 6.59

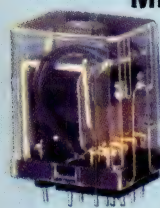
Socket Included



Miniature 4PDT Relays

6⁹⁹ Long-Life Contacts Rated 3A at 125VAC

12VDC Coil. Switches up to four circuits! For PC or socket mounting. 75 mA, 160-ohm coil. 35 x 28.6 x 20.1mm. 275-214 6.99
With 120VAC Coil. 275-212 6.99



DPDT Plug-In Relays

Contacts Rated 10A at 125VAC (Except 275-9217) FROM **8⁹⁹**

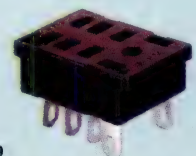
For plug-in use or soldering 41 x 25 x 19mm. 12VDC, 160-Ohm Coil. 275-218 8.99
120VAC, 5000-Ohm Coil. 275-217 8.99
240VAC, 5000-Ohm Coil. 275-9217 9.99



Relay Sockets

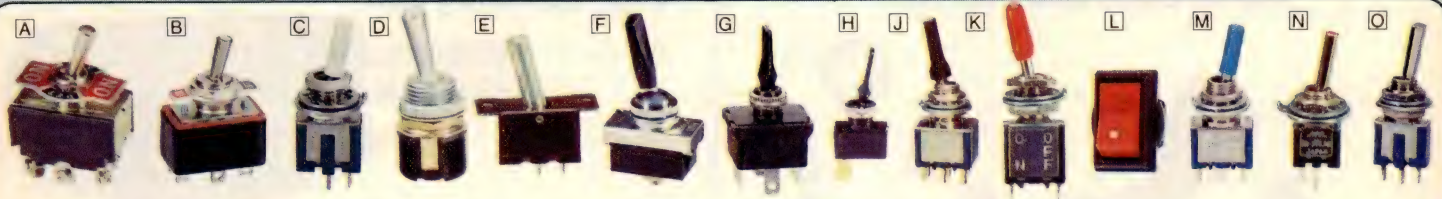
2¹⁹ Each

Socket for 275-217, 275-218 Rated 10 amps. 275-220 2.19
Socket for 275-214, 275-212. Rated 3 amps. 275-221 2.19



For Chassis or PC Board Mounting

QUALITY SWITCHES FOR PROJECTS OR REPAIRS



A Heavy Duty DPDT Centre Off. 5A at 250 VAC. Screw terminals. With on/off/on label plate. Body: 19x33.6x33.6mm. Requires 11mm mounting hole. 275-1533 2.79

B Standard Toggles. 1.5A at 250VAC. With on/off label plates. Body: 38x14x25mm. Require 11mm mounting holes.
SPST. 275-602 1.59
SPDT. 275-666 2.09
Set. One DPDT, 2 SPST. 275-322 3.99

C Submini Toggles. 1A at 250 VAC. Body: 8x6x8mm. 6mm mounting holes.
SPST. 275-612 2.49
SPDT. 275-613 2.59
DPDT. 275-614 2.99
DPDT. Centre-Off. 275-620 3.29

D SPDT Mini-Toggle. 2.5A at 250VAC. Solder lugs. Body: 16x8mm. Requires 11mm mounting holes. 275-603 2.39

E 19mm Brushed Aluminium Baton. 1.5A at 250VAC. Flush mount. 24x16x14mm.
SPST. 275-630 2.49
DPDT. As above, but rated 5 amps at 250VAC. 275-607 2.69

F Heavy-Duty With 25x8mm Lever. 6A at 250 VAC. 24x16x16mm. Require 11mm mounting holes.
SPST. 275-651 3.39
SPDT. 275-654 3.49
DPDT. 275-652 3.89
DPDT Centre-Off. 275-653 3.99

G 20-Amp Lever Switches. 20A at 12VDC. Accept quick-disconnect spades. Body 74.6x25x12.7mm. 11mm mounting hole.
SPST. 275-708 2.79
DPDT. Centre-Off. 275-710 3.59
DPDT. Momentary, with spring return to centre off. 275-709 4.49

H Standard Automotive SPST. 5A at 12VDC. 11mm mounting hole.
275-701 1.79

I Mini Toggles. 3A at 250VAC. Body: 33.6x12.7x6mm. 6mm mtg. hole.
SPDT. 275-662 3.89
DPDT. 275-663 4.29
DPDT. Centre-Off 275-664 4.59
3PDT. 275-661 4.99

K Submini Toggles. 5A at 250VAC. Each includes four coloured handle covers. 12.7x11x12.7mm. 6mm mounting holes.
SPST. 275-324 2.89
SPDT. 275-325 3.19
SPDT Centre-Off. 275-325 3.69
DPDT. 275-1546 3.39
DPDT. Centre-Off. 275-1545 3.59

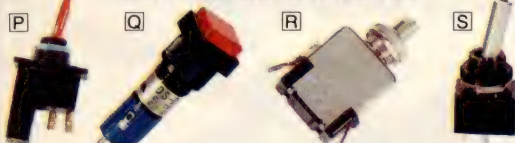
L Rocker Switches. 3A at 250VAC. 30x19x33.6mm. 19mm mounting holes.
SPST. 275-690 2.89
DPDT. 275-691 3.89

M SPDT Momentary. 3A at 250VAC. Spring return to one position. Body: 49x12.7x8mm. 6mm mounting hole.
275-619 2.59

N Micromini Toggles. 1.5A at 250VAC. Body 6x8x4.7mm.
SPST. 275-624 2.49
SPDT. 275-625 2.59
DPDT. 275-626 2.89

O Flatted Lever Switches. 3A at 250 VAC. Body: 8x11x6mm. 6mm mounting holes.
SPDT. 275-635 3.39
DPDT. 275-636 3.69
DPDT. Momentary. Spring return to centre-off. 275-637 3.89

Illuminated Switches



P 12-Volt SPST Toggle. Handle lights when on. Rated 3A, for 12VDC only 33.6x31.7x16mm. 11mm mounting hole.
275-706 2.99

Q 240VAC SPDT Push-On/Push-Off. Contacts rated 1.5 amps at 250VAC. Built-in lamp requires 12 volts. AC or DC Mounts in 12.7mm diameter hole. 44x14x14mm. 275-676 7.99

R 240VAC SPST Push-On/Push-Off. Button lights when on. 5A. For 240VAC use only. 11mm mounting hole.
275-671 5.49

S SPST Toggle With LED Indicator. 5A. 12VDC use only. 19x19x12.7mm. 11mm mounting hole. 275-680 4.59

Momentary and Push-On/Push-Off Switches



For Every Application Low As **1.99**

T Mini SPDT Momentary. 1.5 amps at 250VAC. 36.5x11x11mm. 6mm mounting hole. Solder lugs.
275-1549 2.99

U Mini SPST Momentary Contact. 0.25A at 250VAC. 12.7mm button. Require 6mm mounting holes. Normally Open. 275-1547 Pkg. of 5/2.99
Normally Closed. 275-1548 Pkg. of 5/3.29

V Standard SPST Push-On/Push-Off. 3A at 250VAC. 12.7mm mounting hole. 275-011 1.99
Momentary. Normally open. One black and one red. 275-609 Set of 2/2.49

W Square SPST Push-On/Push-Off. 3A at 250VAC. 38x12.7x12.7mm. Requires 12.7mm mounting hole. Solder lug terminals. 275-617 2.09

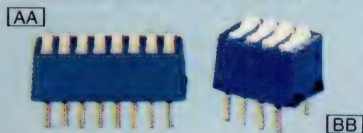
Square SPST Momentary. Normally open. Black. 275-618 1.99

X Rectangular "Soft-Feel" Push-On/Push-Off. 1.5A at 250VAC. 25x19x14mm. 9.5mm mounting hole.
SPST. 275-1565 2.09
SPST Momentary. 275-1566 1.99

Y Miniature SPDT Push-On/Push-Off. 1.5A at 250VAC. 19x9.5x9.5mm. 8mm mounting hole. Solder lug terminals. 275-1555 2.39

Z Submini SPST Momentary. 0.25A amps at 250VAC. Normally open. 38x6mm. One red, one black. 8mm mounting hole. 275-1571 2.59

SPST DIP Switches



For digital or low current applications. Mount in DIP sockets or on PC boards. Style may vary.

AA 8-Position. Fits 16-pin DIP socket.
275-1301 2.99

BB 4-Position. Fits 8-pin DIP socket.
275-1304 2.49

Slide Switches



Heavy-Duty. 1.5A at 250VAC. 25x35x16mm. Solder lug terminals. Packages of two.
SPST. 275-401 Pkg. of 2/1.89
DPDT. 275-403 Pkg. of 2/1.99

Slide Switch Kit. 0.25A at 250VAC. One each: SPDT, DPST, DPDT, three SPST. 12.7x22x31.7mm. 275-327 .. Set of 6/2.99

Lever Switches



Submini With 19mm Roller Lever. Operating force: 50 grams. 5A at 250VAC. 19x6x9mm.
275-017 1.99

Submini With 19mm Lever. Operating force: 45 grams. 5A at 250VAC. 19x6x9mm. Solder lugs. 275-016 1.89

Rotary Switches

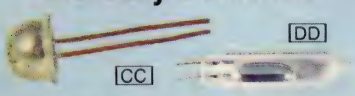


0.15 Amp at 250VAC

2-Pole, 6-Position. Single deck, non-shorting type. 6mm-diameter shaft.
275-1386 2.19

1-Pole, 12-Position. Shorting type. 6mm-diameter shaft. 35mm long.
275-1385 2.19

Mercury Switches



CC Low Voltage. Submini position-detecting switch rated 100 milliamps at 24VDC. Ideal for use in alarms and low-power circuits. 275-025 1.39

DD Heavy-Duty. Rated 2.5 amps at 250VAC. Style may vary. 275-027 1.99

Submini Slide Switches

With Mounting Screws



Rated 0.15A at 250VAC. 16x6x6mm.
SPST. 275-406 Pkg. of 2/1.29
DPDT. 275-407 Pkg. of 2/1.39

Bracket, Label Plates



Auto Switch Bracket. For underdash mounting. Accepts two switches with 11mm diameter bushings. 275-705 1.09

On/Off Switch Label Plates. For toggles with 12mm diameter bushings and key slot.
275-320 Pkg. of 6/99c

DPDT Knife Switch



Ideal for Projects, Antenna Switching, Reversing Polarity

Plated spring contacts rated 0.5 amp at 250VAC. Plastic handle, screw terminals. 41x60x19mm
275-1537 1.69

ARCHER® SOLDERING TOOLS — WHAT A CONNECTION!

Archer Electronic Tool Kit



NEW LOW
PRICE

29⁹⁵

Was \$34.95 in
1983 Catalogue

This complete kit is made up of a full 25-watt soldering iron; a 7.6cm round blade screwdriver; a 5.1cm Phillips screwdriver, Wire Stripper; Solder Coil; Soldering Tool; and "De Sold" wick. Only from Tandy Electronics. **64-9510 29.95**

"Pro" Soldering Gun



Cat.No.	Type	Price
64-237	Regular	3.49 Pr
64-9514	Cutting Tip	3.19 Ea
64-9515	Smoothing Tip	3.19 Ea

39⁹⁵

Trigger switch for 100 watts, quickly. Worklight aids in hard-to-see areas. Copper tip spreads solder evenly. Lightweight, comfortable to hold.

64-9506 39.95

18-Watt Soldering Iron



11⁹⁵

Ideal for electronic or electrical work. Repair faulty connections or use in circuit construction. A necessity for both hobbyists and home handymen. **64-9507 11.95**

Replacement Tips: Conical Shape **64-9508 Pkg. 2/1.49**
Chisel Shape **64-9509 Pkg. 2/1.49**

25-Watt Soldering Iron



24⁹⁵

240 volt, 25-watt soldering iron screw-in tip. Ideal for the handyman or hobbyist. **64-9500 24.95**

Replacement Tips: Conical Shape **64-9501 Pkg. 2/3.29**
Chisel Shape **64-9502 Pkg. 2/3.29**

Miniature Butane Torch



12⁹⁵

For Heating,
Soldering,
Removing Paint
And Putty

- Fully Self-Contained
- Heats to 1370°C (2500°F)

Small enough to fit in a pocket yet with a precise and controlled high temperature flame. Cylinder lasts up to 60 minutes. With refill. **64-2164 12.95**

Replacement Cylinders. 64-2166 2/3.99

Rosin Core Electronic Solder

LOW AS
1⁴⁹

**STILL AT
1983
CAT. PRICE**

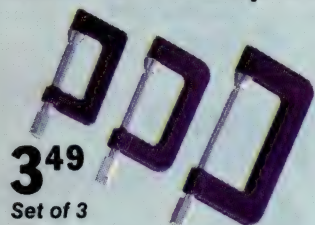
- Standard, Light
or Special PC



Package Size	Size	Use	Cat. No.	Each
14g Handy Pak	.062	Standard	64-001	1.49
42g Spool	.062	Standard	64-002	2.29
113g Spool	.062	Standard	64-004	4.29
71g Spool	.032	Light Duty	64-005	3.99
42g Spool	.050	PC Work	64-006	3.29
250g Spool	.062	Standard	64-007	8.99

ACCESSORIES TO MAKE SOLDERING JOBS EASIER

Mini "C" Clamp Set



3⁴⁹
Set of 3

Small size is Perfect
For Precision Projects

Three sizes of openings — 19mm, 25mm, 48mm. Leaves hands free while glueing, soldering, drilling. Sturdy die-cast metal.

64-2096.....Set of 3/3.49

"Helping Hands"



NEW LOW
PRICE
10⁹⁵

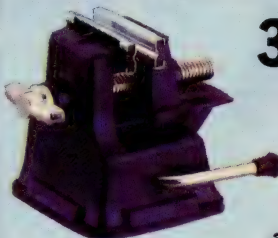
Was \$12.95 in
1983 Catalogue

Holds Work in
Any Position,
Frees Hands

Six ball joints and two nickel-plated alligator-type clamps adjust to any angle. Simplifies work! Solid cast-iron base.

64-209310.95

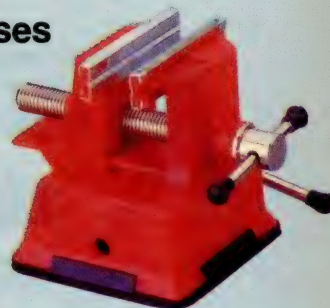
Vacuum-Base Hobby Vises



3⁹⁹

5⁹⁹

Both in Mini
and Larger Size



Mini-Vise. Handy for holding parts during on-the-spot soldering, glueing, drilling. Positive vacuum attachment for instant mounting on any smooth, non-porous surface. What's more, they're portable! Release vacuum base to change position, or load them in your tool box and take them with you. **64-2094** **3.99**

Hobby Vise. 50% larger than above. **64-2095** **5.99**

Vacuum Desoldering Tool



**NEW
FOR '84**

5⁹⁹

Frees One Hand
For Operating
Iron or Gun

Desolders large joints quickly, cleanly. Sturdy aluminium housing has a non-stick tip and a side-mounted trigger button. Disassembles easily for cleaning. 19.6cm long.

64-20985.99

Mini Drill



3⁹⁹

- Only 95mm Long
- Complete With
2 Drills In Handle

Ideal for drilling printed circuit boards. Good for drilling light materials. Rugged moulded body is lightweight.

64-20973.99

Locking Long Nose



**STILL AT
1983
CAT. PRICE**

4⁹⁹

Use As Wrench,
Pull Broken Keys,
Install Tiny Springs

Does more jobs, faster and easier, than other long nose pliers. Cut heavy wire, pull cotter pins — countless uses! Length 17.8cm.

64-18644.99

Vacu-Bulb



NEW LOW PRICE

2⁹⁹

Teflon Tip
Takes Up
Solder

Was \$3.99 in '83 Catalogue

Takes up solder safely, easily with vacuum action. No splattering, easy to clean, won't mar connections! **64-2086** **3.99**

Desoldering Braid



NEW LOW PRICE

Was \$2.69 in
'83 Catalogue **2⁴⁹**

A Must for
Printed Circuits

The easy way to repair or revise circuits. Use with soldering iron. 1.5m roll. **64-2090** ... **2.49**

Pre-Cut Tape Solder



**STILL AT
1983
CAT. PRICE**

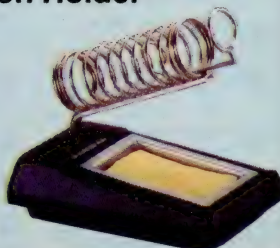
1⁷⁹

Solder With
A Match

Wrap tape around twisted wires, heat with match or other flame for a good connection. **64-010** .. 100/1.79

Soldering Iron Holder And Cleaner

7⁹⁹



Coil holds iron, sponge pad keeps iron tip clean. **64-2078** **7.99**

4-Pc. Soldering Tool Kit

3⁹⁹



Includes heat sink, brush/scraper, pointed, slotted probes. **64-2227** **3.99**

DO THE JOB RIGHT WITH ARCHER® TOOLS AND HARDWARE



Automatic Wire Stripper

10⁹⁵

Insulated Handle

Pro-quality tool removes insulation from 8 to 22-gauge wire without nicks or breaks. 17.8cm long.

64-191910.95



"Dial" Stripper

4⁹⁹

STILL AT 1983 CAT. PRICE

Easy to use. Simply set the dial to perfectly strip/cut #12 to #24 wire. Insulated grips for comfort and protection. 64-19524.99



Stripper/Cutter

NEW LOW PRICE

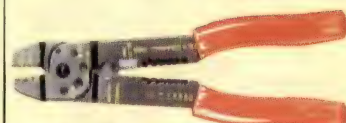
3⁴⁹

Was 3.99 in '83 Cat.

A versatile tool. Long blade for smooth cutting action without nicks or breaks. Insulated grips.

64-21293.49

For #12 to #24 Wire



Standard Crimping Tool

4⁴⁹

Crimps terminals, strips and cuts 10 to 22-gauge wire. Comfortable cushion-grip handles. 21.6cm long.

64-4044.49

Storage Boxes



Strong See-Thru Plastic

5⁹⁹

Size	Sections	Cat. No.	Each
21.6x12x3.8cm	6-18	64-552	5.99

STILL AT 1983 CAT. PRICE

Electronics Hardware



For Every Handyman

3⁹⁹

Generous 450g assortment of items valuable in building, experimenting and repair work.

64-28903.99

Tap-In Squeeze Connectors



STILL AT 1983 CAT. PRICE

3⁴⁹

Pkg. of 10

Taps for 18 to 14-gauge wire.

64-3052 . . .Pkg. of 10/3.49

Solderless Lugs



2⁴⁹

5 Popular Sizes

Twenty each of ring, hook, tongue and large/small spade-tongue lugs.

64-406 Pkg. of 100/2.49

Ceramic Magnets

STILL AT 1983 CAT. PRICE



28mm Round
64-1885

39^c

25mm Rectangular
64-1875

10-24	25-99	100-Up
33^c Each	30^c Each	26^c Each

Hardware in Handy "See-Through" Packs

Huge Variety! Types for All of Your Home, Shop And Automotive Needs

- 30 Types
- Corrosion Protected

STILL AT 1983 CAT. PRICE

Only **1⁷⁹** Per Pack

Repairs and do-it-yourself projects go easier with the right hardware. These items are packaged in clear plastic at the factory so you can see what you're getting and be assured of highest quality with every purchase. Metal hardware is either nickel-plated, tin-dipped or electro-tin plated for long, corrosion-free service. Stock up now!



1 Round-Head Machine Screws. 14 each: 2-56 x 1/4", 1/2", 3/4". 64-3010
14 each: 4-40 x 1/4", 1/2", 3/4". 64-3011
14 each: 6-32 x 1/4", 1/2", 3/4". 64-3012.

2 Steel Machine Hex Nuts. 40 each: 2-56. 64-3017.
30 each: 4-40. 64-3018.

3 Flat Spring Steel Nuts. 10 of #4, 15 each of #6 and #8. 64-3062.

4 Control Nuts. 8 each: 3/8"-32, 15/32"-32 and 7 of .475"-32. 64-3020
Metric Control Nuts. 7 each of 13.0 x 2.4 and 15.0 x 2.0. 6 each: 15.0 x 1.5. 64-3063

5 Vinyl Grommets. 7 each: 1/4", 5/16", 3/8". 5 each: 1/2". 64-3025

6 Wire Connectors. 16 assorted connectors for wire sizes #18 thru #12. 64-3026

7 Polypropylene Cable Clamps. 6 each: 1/8", 3/16", 1/4" cable diameter. 64-3028

8-14. Solder Lugs. 40 pieces: #6, #8, #10 mounting holes. 64-3029

12. Solderless Ring Tongue. 6 each: #6, #8 (for 22-18 wire size). #6, #8 (for 16-14 wire size). 64-3030

13. Solderless Spade Tongue. 6 each: #6, #8 (22-18). #6, #8 (16-14). 64-3031

13,18. Solderless Spade. (26-24). 3 each: #4, #8. Insulated, 2 each: #4, #6. 64-3042.

13 Solderless #10 Spade Tongue. 12 each: (for 22-18 wire sizes), (for 16-14 wire sizes). 64-3034

14 Solderless Insulated Ring Tongue. 4 each: #6 (22-18). 2 each: #8 (22-18), #6 & #8 (16-14). 64-3032

15 Solderless Insulated Spade Tongues. 5 each: (22-18), (16-14). 64-3033

Solderless Insulated #10 Spade Tongues. 5 each: (22-18), (16-14). 64-3035

16 Butt Connectors. 10 each: (22-18), (16-14). 64-3036

17 Insulated Butt Connectors. 5 each: (22-18), (16-14). 64-3037

18 Male Quick-Disconnects. 2 of 3/16", 4 of 1/4", 2 each: insulated 3/16", 1/4". 64-3038

19 Female Quick-Disconnects. Assorted as above. 64-3039.

20 Single Female to Dual Male Quick-Disconnect. 3 right angle and 3 offset in-line. 64-3061

21 Bullet Connectors. Insulated. Three 2-way receptacles. Six snap-lugs. 64-3047

22 Solderless Flanged Spade. 6 each: (22-18) #6 & #8. (16-14) #6 & #8. 64-4043

23 Solderless Insulated Flanged Spade. 4 each: #6 (22-18). 2 each: #8 (22-18), #6 & #8 (16-14). 64-3044

24 Female Flag Quick-Disconnect. 5 each: 3/16" & 1/4". 64-3046

25 Solderless Insulated Male/Female Quick-Disconnects. (for 22-18, 16-14 wire sizes). 1/4" tabs. 4 sets. 64-3049

26 Insulated Large Ring Tongues. 2 each: 1/4", 3/8", 1/2" stud. Sizes #16-10 wire range. 64-3040

CHEMICALS, ADHESIVES FOR PROJECTS AND REPAIRS



Dust/Particle Remover Spray
3⁴⁹ **NEW FOR '84**
 Cleans dust and particles from circuits, cameras, computer keyboards, delicate mechanisms. Leaves no residue. 170g
 64-2325 3.49



Colour TV Tuner Cleaner
3⁴⁹
 Concentrated! Spray into tuner to clean and lube contacts. 170g
 64-2320 3.49



Cleaner Degreaser
 NEW LOW PRICE
3⁴⁹
 Was 3.95 in '83 Catalogue
 Sprays away oil and grime from circuitry and components. 227g. 64-2322 .. 3.49



Silicone Seal
5⁹⁹
 Bonds, seals, caulks. Applies evenly and it's moisture resistant. With applicator tip.
 64-2314 5.99



Component Cooler
3⁴⁹
 Spray on resistors and capacitors to chill and spot thermal defects. 170g. 64-2321 .. 3.49



Rosin Flux Remover
2⁹⁹
 Removes soldering flux deposits from electrical and electronic circuits. 170g. 64-2324 2.99



Instant Bonding Glue
2⁹⁹
 All-purpose adhesive bonds non-porous materials in seconds. Nozzle tip. 64-2308 2.99



Twin-Tube Epoxy
4⁹⁹
 Dual tubes automatically mix quality epoxy cement for quick repairs. 28g. 64-2313 4.99

10,000-Volt Dielectric Tape
 Low As **99¢**
 NEW LOW PRICES



Vinyl tape protects electrical connections in hundreds of household, shop and auto uses.

Roll Size	Cat. No.	1983 Price	New low price
13mm x 3.8m	64-2348	1.19	99c
19mm x 6m	64-2349	1.59	1.49
19mm x 20m	64-2350	2.69	2.59



Heat-Shrinkable Tape
 NEW LOW PRICE
4⁴⁹
 Was 4.99 in '83 Catalogue
 3m Roll
 Can be used where ordinary heat-shrink tubing can't. Shrinks lengthwise at least 30% when heated to 135°C. 19mm wide.
 64-2335 4.49



All-Purpose Tape
4⁴⁹ **STILL AT 1983 CAT. PRICE**
 Seals Heating And A/C Ducts
 Watertight, airtight, unaffected by normal heat, cold or damp weather. 5cm x 9m
 64-2347 4.49



Clear Carton-Sealing Tape
5⁴⁹
 50m Roll
 For packages and envelopes. Great for shipping, moisture protection. Forms airtight seal. High tensile strength. 5cm wide. 64-2339 ... 5.49




Electrical Tape in Handy 5-Pack
 Assorted Colours
3⁵⁹
 Pkg. of 5
 Vinyl. For colour-coding, many other home, shop, auto uses. 19mm x 3.6m rolls.
 64-9530 3.59



Double-Sided Foam Tape
2⁹⁹
 1m Roll
 Ideal for fastening accessories to car dash, pictures to walls and much more. No waste—just cut off amount needed. 19mm wide.
 64-2343 2.99



Double-Sided Foam Tape Strips
3⁴⁹ **STILL AT 1983 CAT. PRICE**
 Pkg. of 8
 25mm Wide, 76mm Long
 Instantly fasten pictures to walls, radar detectors to dash, smoke detectors to ceilings.
 64-2344 Pkg. of 8/3.49




Self-Sticking Cushion Feet
1⁷⁹
 Pkg. of 12
 Great for projects, or replacements on radios, calculators, more. Just peel and stick. 64-2346 1.79



Jumbo Size Cushion Feet
2⁴⁹ **NEW FOR '84**
 Pkg. of 8
 Self-sticking 19mm square cushions are ideal for larger items such as TVs, computers, speakers.
 64-2342 2.49



Hook-and-Loop Fastener Strips
3⁴⁹
 Pkg. of 4
STILL AT 1983 CAT. PRICE
 Long-lasting 76mm strips for attaching items to car dash, grill cloth to speakers, more.
 64-2345 Pkg. of 4/3.49



Insulated Wire Staples
1⁴⁹
 Pkg. of 40
 Say "goodbye" to hazardous loose wires! Ideal for tacking wires along baseboards, walls.
 64-2875 Pkg. of 40/1.49

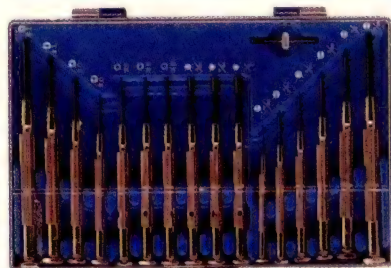
STOCK YOUR SHOP WITH QUALITY ARCHER® TOOLS

Handy 16-Piece Precision Tool Set

**NEW
FOR '84**

11⁹⁵

- Fitted Case Keeps Tools Organized
- Great for Hobbyists And Do-it-Yourselfers



Set features 16 of our most popular drivers—great for almost any kind of handywork. Includes four Phillips drivers, three nutdrivers, three hex keys, six screwdrivers and a torque bar. 64-1961 11.95

One-Hand Operation

Versatile Precision Tool Kits

AS LOW AS

4⁹⁹
Each

**STILL AT
1983
CAT. PRICE**

All Kits Include Fitted Case

Screwdrivers. Six screwdrivers, sizes #1-6. Nickel-plated brass handles and swivel tops. Widths from 0.8 to 3.8mm. 64-1948 4.99

Nutdrivers. Set of five with swivel tops and nickel plated brass handles, torque bar. 64-1957 5.99

Phillips and Hex Keys. Set of five with two Phillips screwdrivers, three hex key wrenches and a torque bar. 64-1958 5.99

Combination Screwdrivers. Six screwdrivers: two Phillips and four regular. 64-1959 4.99

Pliers and Cutters for Every Application

6⁹⁹ A



6⁹⁹ B



NEW LOW PRICE

3⁴⁹



Was 3.99 in '83 Catalogue

Great for hobbyists and professionals alike. Archer tools are made with the quality you expect, at a price you can afford.

A Pro-Quality 13.3cm Long Nose Pliers. Made of top-grade steel. With spring return and insulated grips. 64-1812 6.99

B Pro-Quality 11.4cm Diagonal Cutters. Long-lasting top-quality steel, spring return, insulated grips. 64-1813 6.99

C 12.7cm Nippy Cutters. Flush-cutting design lets you cut leads close to PC boards. Great for your bench! 64-1833 3.49

4⁷⁹ A



4⁷⁹ B



3⁹⁹ C



3⁹⁹ D



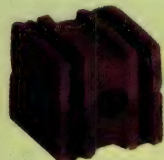
A 11.4cm Diagonal Cutters. Slips in to cut wire in those hard to get-at places. With insulated grips. 64-1841 4.79

B 12.7cm Long-Nose Pliers. Drop forged for a long, durable life. Insulated grips for electrical work. 64-1843 4.79

C 16.5cm Needle Nose Pliers. Made of long-lasting hardened steel. Comfortable, insulated grips. 64-1844 3.99

D 15.2cm Diagonal Cutters. Durable blades for the tough jobs. Made of hardened steel, with insulated grips. 64-1845 3.99

Magnetiser Demagnetiser



**NEW
FOR '84**

2⁹⁹



Magnetise



Demagnetise

Super-efficient magnet magnetises and demagnetises screwdrivers and other small tools. 64-1870 2.99

4-in-1 Driver Set

5⁴⁹

2-Piece Set



Standard: 1/4", 9/64". Phillips: #1-2. Nutdriver: 3/16", 1/4", 5/16", 3/8". 64-1865 5.49

Magnetic Screwdriver

NEW LOW PRICE

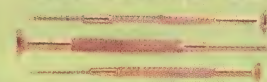
Was \$5.49 in 1983 Catalogue

5²⁹



Standard: 9/32", 3/16". Phillips: #1-2. Nutdriver: 1/4". Holds parts in place for ease & convenience. 64-1954 5.29

3-Piece Mini Screwdriver Set

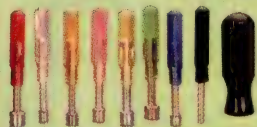


1⁹⁹

Includes Storage Pouch

Swivel heads. For fixing eye glasses, meters and other delicate instruments. 64-1982 1.99

8-Pc. Nutdriver Set



Includes Storage Case

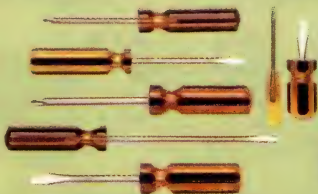
5⁹⁹

Was 6.95 in '83 Catalogue

NEW LOW PRICE

Interchangeable drivers. Tempered steel. 1/8", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8". 64-1800 5.99

7-Pc. Screwdriver Set



8⁹⁹

1/4 x 1 1/2" stubby, 1/8" x 2 1/4" midjet, 1/4 x 4 1/4" mechanics, 3/16 x 4" & 3/16 x 6" cabinet, #1-2 Phillips. 64-1823 8.99

4-in-1 Tool Set With Carry Case

1⁹⁹

Strong Moulded Handles



Set includes two flatheads, one Phillips and an awl. 64-1819 1.99

Tandy — 10 Years of Value, Service and Reliability!

MORE TOOLS AND ACCESSORIES FOR SPECIAL JOBS

Handy Nibbling Tool



12⁹⁵

Easy-to-use hand-held sheet metal cutter. Cuts up to 18-gauge steel, 1.6mm copper, aluminium and plastic. **64-823** **12.95**

Illuminated 30X Microscope

19⁹⁵

Great for Examining Small Objects Like Stamps, Coins and Microcircuits



14cm long. With vinyl case. Requires two "AA" batteries. **63-850** ... **19.95**

Lighted Dual Magnifier

5³⁹

Read with 7.6cm main lens, use 2.5cm inset for fine type. Requires two "AA" batteries. **63-848** **5.39**



Precision Knife Kit

4⁹⁹



Ten multi-purpose interchangeable steel blades. Use for delicate cutting operations. With fitted case. **64-1801** **4.99**

Mini Utility Knife

2⁹⁹



Blade locks in four positions. For cutting, scoring or trimming. Safe for your pocket. Only 6.7cm long. **64-1852** **2.99**

TV Alignment Tool Set

3⁹⁹

STILL AT 1983 CAT. PRICE



5-Pc. Colour TV Kit. Eight hex and two slot tips. **64-2220** **3.99**

Hobby Knife

NEW FOR 84

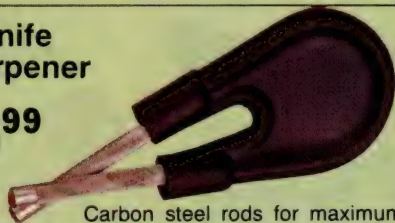
1⁴⁹



Precision knife is great for hobbyists, artists and craftsmen. Surgically sharp steel blade. Metal handle. **64-1805** **1.49**

Knife Sharpener

3⁹⁹



Carbon steel rods for maximum sharpness. For scalloped, straight or serrated blades. **64-1860** **3.99**

18-Pc. Hex Key Set

2⁹⁹



Complete range of short and long arm hex key sizes. **64-1849** **2.99**

Mini Fluorescent Light

For Instant Light At Home or Away!

Carry Case Attaches to Belt

15⁹⁹



Surprisingly bright and feathery light! Perfect for camping, highway emergencies and blackouts. Small enough for backpack or glovebox. Handy carry cord 8.6x15.9x2.9 cm. Requires five "C" batteries. **61-2733** **15.99**

"Wireless Light Fixture

6⁹⁵

Battery Operated — No Wiring Required



Easily mounts in closet, van, workshop, almost anywhere you need a light. 16.5x13.2x9cm. Use No 1651 globe. Requires 4 "D" batteries. **61-2732** **6.95**

Handy Torches, Low as 99c

A 5-Cell Flashlight. Requires 5 "D" batteries. **68-1022** **3.49**

B Safety Wand Torch. Requires 2 "D" batteries. **68-1016** **2.29**

C Standard "D" Cell. Requires 2 "D" batteries. **61-2624** **2.89**

D Disposable Hand Light. With battery. **61-2636** **3.99**

E Heavy-Duty "C" Cell. Requires 2 "C" batteries. **61-2641** **3.29**

F Magnet Light. Requires 2 "D" batteries. **61-2640** **5.29**

G "C" Cell Lantern. Requires 4 "C" batteries. **68-1034** **4.29**

H Disposable Clip Light. With battery. **61-2625** **2.49**

J Handy Pen Light. Requires 2 "AA" batteries. **61-2626** **2.99**

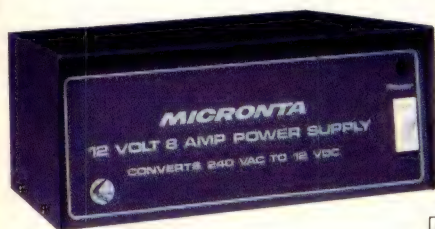
K Penlight. Requires 2 "AA" batteries. **68-1033** **99c**



TANDY PUTS THE POWER WHERE YOU NEED IT!

DC Power Supplies

89⁹⁵



[A]

[A] Heavy-Duty 8-Amp, 12VDC Power Supply. For high-power car stereos or even complete vehicle component systems with separate tape decks, radios, equalizers, etc. Ideal for powering mobile CB's (including SSB). Ham rigs or most 12VDC items or combination of items drawing up to 8 amps. All-metal cabinet with rubber feet. AC operation.
22-9125 89.95

79⁹⁵



[B]

[B] Regulated CB Power Supply. 13.8 VDC regulated output at 2 amps continuous, 5 amps surge. 6 x 11 x 17cm.
22-9124 79.95

42⁹⁵

[C] Low-Cost 12VDC Power Supply. Ideal for powering 12VDC autosound equipment. LED "on" indicator. Output of 1.75 amps with a 5-amp surge rating. AC operation. 50 Hz. 22-9129 . . . 42.95



[C]

Universal AC Adapter



AS LOW AS
12⁹⁵



[A] 300 mA Universal AC Adapter. Input 240VAC, output 6/9/12VDC selectable 300 mA. Comes complete with 4 of the 6 interchangeable plug adapters (shown in B) that fits many items. 273-9553 . . . 12.95

[A] 500 mA Universal AC Adapter. Same as above but 500 mA capacity. 273-9555 . . . 16.95

[B] Pkt 6 Spare Plugs that suit 273-9553 or 273-9555 Universal AC Adapters. 273-9500 . . . 2.99

AC Adapters for Tandy* Equipment

*And many other brands

AS LOW AS
8⁹⁵



• **Save Your Batteries! Use These Handy Adapters where AC Power is Available**

These compact modules convert 240 VAC house current to the DC power required by most portable radios, tape recorders, calculators and many electronic games. To find the correct adapter, compare your device's power requirements and input connector with the list below.

6VDC at 300 Milliamps.
Connector: Coaxial plug.
O.D.: 5mm, I.D.: 2.1mm.
14-9521 . . . 9.95

9VDC at 100 Milliamps.
Connector: Submini-type phone plug.
65-731 . . . 8.95

3VDC at 180 Milliamps.
Connector: Submini-type phone plug.
65-735 . . . 8.95

9V Battery Eliminator.
Connector: Snap-type as used on 9V rectangular batteries.
270-9152 . . . 8.99

Battery Chargers

49⁹⁵



[B]

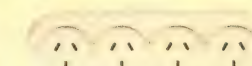
[A] 12V Battery Charger. Quality charger with front control switch for high or low charging rate. Large amp meter. Ideal for home, car, caravan. AC operation. 22-9205 49.95

[B] Trickle Charger. A double-insulated, low-cost charger that keeps motor bikes, mowers and car batteries in peak condition. 6 or 12V. With leads and clips. 22-9201 . . 29.95

Electrical Accessories



[A]



[B]



[C]



[D]



[E]



[G]



[F]

[A] Plug-In Thermostat. Cut heating bills while maintaining constant room temperature! Simply insert into power point, turn-on heating appliance, and set the desired temperature. When the desired temperature is achieved thermostat switches off. As temperature falls it switches on again for constant warmth. 61-9802 . . . 24.95

[B] Four Outlet Power Boards. Ideal for stereo leads. 61-9525 . . . 19.95

[C] Power Point Safety Tester. Simply plug in. Two lights on, power point okay. With instructions. 100% safe. 61-9700 . . . 4.95

[D] Bright Adhesive Backed Nite Lite with Amber Jewel. Allows you to put the light where you want it. 2m extension cord. 61-9702 . . . 3.95

[E] 15m 10-amp Extension Cable. Make your power points more versatile. Ideal for indoor or outdoor use. 61-9515 . . . 14.95

[F] AC Power Cord. Round female plug connects portable radios, cassette players to AC power. 1.8m cord. 278-9510 . . . 3.99

[G] 278-9511 as above with sq. female plug . . . 3.99

[H] 278-9512 as above with Fig.8 female plug . . . 3.99

[I] 278-9001 3 core AC power cord . . . 0.59c/m



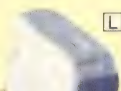
[H]



[M]



[J]



[N]

[H] Fluorescent Starters.
20-watt. 61-9600 . . . Pkg. 2/99c
40-watt. 61-9601 . . . Pkg. 2/99c

[J] Round Rubber Replacement 110VAC Plugs. 61-2704 . . . 2 for 1.99

[K] Double-Backed Plug. Piggyback mount. Double up on your connections with only one plug. Make work easier. 61-9508 . . . 2.99

[L] Double Adapter. Convert your single mains plug to a double mains connector. Do two things at once. 61-9506 . . . 2.99

[M] Cord Extension Socket. 3 flat pin type. To repair or prepare your own extension cord. 61-9512 . . . 2.99

[N] Replacement Mains Plug. Easy screw terminal, solderless connector. Moulded rubber top. Many uses. 61-9502 . . . 1.49

ENERCELL® RECHARGEABLE BATTERIES SAVE MONEY



Nickel-Cadmium Batteries— Use Them Over and Over

- Keep Working Long After Other Batteries Have Worn Out
- Steel-Clad and Insulated for Dependability
- Choose From Five Popular Sizes

Stop wasting money on one-life batteries. ENERCELL batteries can be recharged time and again with the chargers below. Available in sizes "D", "C", "AA", "AAA" and for 9V applications. The most efficient source of reusable power available. Rated 1.25V.

Fig.	Type	Replacement for			Cat. No.	Pkg. of 2
		Eveready	GE	Duracell		
A	D	CH1.2/D	GC3	NC 13D	23-123	12.95
B	AA	CH500	GC1	NC15AA	23-125	8.99
C	C	CH1.2/C	GC2	NC14C	23-124	11.95
D	9V*	CH22BP	GC9B	NC169VB	23-126	16.95 ea
E	AAA	.....	.....	.....	23-127	8.99

9 Volt Nickel Cadmium Battery Charger

9⁹⁹

Plugs directly into 240VAC. Charging time will vary from 14 to 16 hours, depending on battery condition.

23-9132 9.99



"AAA" Charger Module

2⁹⁹

Holds one "AAA" nickel-cadmium battery, fits into 23-9502 charger.

23-135 . Pkg. 4/2.99



Archer Nickel Cadmium Battery Charger

**NEW
FOR '84**

24⁹⁵

Batteries Not Included



For "D", "C",
"AA", 9V Batteries

Recharges in 7 to 14 hours, depending on initial charge. Recharge two batteries of different size at the same time. LEDs show when system is charging. **23-950 24.95**

Tandy is the Place for Those "Hard-to-Find" Batteries

Portable Lantern

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O-Vac	Ever-easy	Dura-cell		
A	6	941	509	M908	23-006	3.99
B	12	926	732	M926	23-007	13.95
C	6	944	1209		23-016	5.99
D	6	918	731	M918	23-541	9.99

A



509

B



732

C



1209

E



RM640

D



731

Photo/Lighter

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O-Vac	Ever-easy	Dura-Cell		
F	6.0	...	A544	PX28L	23-469	15.95
G	5.6	...	E164	PX32B	23-463	11.95
H	1.35	...	EPX13	PX13B	23-470	4.49
J	6.0	867	539	7K67	23-471	5.69

F



PX28L



PX32B



PX13B



7K67

Specialty

Fig.	Volts	Equivalent Types			Cat. No.	Price
		Ray-O-Vac	Ever-easy	Dura-Cell		
K	7.0	T175	E175	TR175	23-601	11.95
L	4.2	T133	E133	TR133	23-1523	10.95

K



TR175

L



TR133

ENERCELL BATTERIES FOR THE POWER YOU NEED

For General Purpose Applications



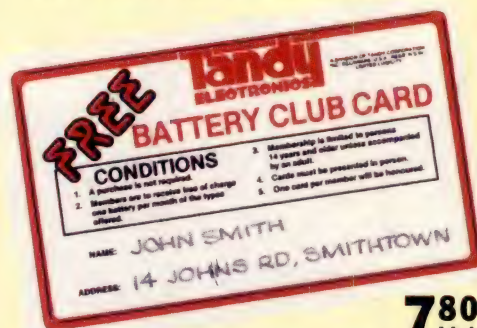
A 1.5V "D" Cell **B** 1.5V "AA" Cell **C** 1.5V "C" Cell **D** 9V Rect.

- Cost Less Than Most Brands
- Protected Against Leakage

Our most popular batteries! We sell millions every year, so you can be sure they're fresh and strong. Compare and you'll see what a value they really are.

Fig.	Cell Type	Replacement for	Cat. No.	Each
A	"D"	950	13	23-466 .45
B	"AA"	915	15	23-468 .30
C	"C"	935	14	23-467 .40
D	9V Rect.	216		23-464 .65

Get Your **FREE** Battery Card!



780 Value

Good at Participating Tandy Stores and Dealers

Join our **Battery-A-Month Club** and get a Radio Shack General Purpose ENERCELL each month, **FREE**, for a whole year! Nothing to buy, no obligation!



F 1.5V "D" Cell **G** 1.5V "C" CELL **H** 9V Rect. **J** 1.5V "AA" Cell **K** 1.5V "AAA" Cell

Power for Heavy-Duty Use

- "Miracle Seal"—Greater Leak Protection
- Up to 3 Years Shelf Life
- Rigid Steel Case
- Stock Up—Be Prepared For Emergencies

Save money by stocking up on our exclusive ENERCELL Extra-Life batteries at our low prices! These heavy-duty cells outperform "regular" batteries and their specially-processed electrolyte gives you a longer service life. That means fewer replacements! Up to 3-year shelf life and reliable discharge voltage give you even more for your money.

Fig.	Cell Type	Replacement for		Cat. No.	Each
		Ray-O-Vac	Eveready		
F	"D"	6D	1250	23-580	.80
G	"C"	4C	1235	23-581	.70
H	9V Rect.	D1604	1222	23-583	1.50
J	"AA"	5AA	1215	23-582	.50
K	"AAA"	400	912	23-584	.40

Button Cell Battery Tester



4⁹⁵

- Saves Money, Time
- Small, Easy-to-Use

Simply drop the battery in place, squeeze the side-mounted test switch, and watch the Good/Replace meter. Tests under "load" conditions. For silver oxide, alkaline and mercury batteries used in many watches and calculators. 8.3 x 4.1 x 2.1cm. **22-097** **4.95**

Deluxe Battery Tester With 8 Ranges

NEW FOR '84

14⁹⁵

Leads for Testing Non-Standard Batteries

Accurately measures batteries under actual "load" condition. Ranges include 1.5/3/6/9/12/15/22.5 volts. Tests almost any type of electronic, flashlight or button battery—including carbon-zinc, alkaline, mercury, silver oxide, nickel cadmium and lithium types. 12.7 x 8.9 x 3.8cm. **22-031** **14.95**



Handy Battery Checker

NEW FOR '84

8⁹⁵

Tests "D", "C", 9V, "AA", "AAA", "N" Sizes

For most popular types. Checks zinc carbon, alkaline, mercury and nickel cadmium batteries. Large, easy-to-read meter. 13.9 x 5.4 x 4.7cm. **22-096** **8.95**



"Radio Shack" Battery Checker

Styled Like Our Popular ENERCELL Batteries

5⁹⁵



A real charge in battery testing, direct from Radio Shack! Meter indicates strength. For 9V "transistor", 1.5V "C", "D" and "AA" sizes. 10.8 x 8.2 x 2.5cm. **22-098** **5.95**

Prices Apply at Tandy Stores and Participating Dealers

DEPENDABLE LONG-LIFE ENERCELL® ALKALINES

Alkalines—Your Source of Long-Lasting Power

- Our Best, Longest Lasting Non-Rechargeable Batteries
- Long Shelf Life • Anti-Corrosion Contacts
- High Output at Low Temperatures • For All Standard Uses

Each of our exclusive alkalines delivers top performance even at high current drain and retains full power during long-term storage. Steel-clad, insulated and dependable!



Fig.	Cell Type	Replacement for			Cat. No.	Price
A	"C"	814	E93	MN1400	23-551	Pkg. 2/2.99
B	9V Rect.	A1604	522	MN1604	23-553	Each 3.99
C	"AAA"	824	E92	MN2400	23-555	Pkg. 2/2.99
D	"AA"	815	E91	MN1500	23-552	Pkg. 4/3.99
E	"N"	810	E90	MN9100	23-023	Pkg. 2/3.69
F	"D"	813	E95	MN1300	23-550	Pkg. 2/3.99



Toys Run Longer!



Radios Play Longer!



Extended Power In Flashlights!



Longer Life For Walkie Talks!



ENERCELL Calculator Batteries

- Extra Protection Against Leakage
- Keeps Working Harder and Longer

These ENERCELL batteries will power your calculator a long time before replacement is required! Store at room temperature for longer life than ordinary batteries.

Radio Shack	Replaces				Cat. No.	Each
76	EPX76	RW22/42	D357/10L14	G13, 541	23-009	3.99
389	389	RW49	D389/10L122	G10, V10GS	23-101	2.99
392	392	RW27/47	D392/10L125	G3, 547	23-102	1.99
393	393	RW28/48	D393/10L123	G5, 546	23-103	2.99
303	303	....	D303/WS14	GS14, 521	23-104	3.99
357	357	RW22/42	D357/10L14	G13, 541	23-105	4.99
386	386	RW24/44	D386/10L124	G12, 548	23-106	2.99
391	391	RW40	D391/10L130	G8, V8GS	23-107	2.99
323	323	RW58	D323, WH6	Type C, 506	23-108	2.99
343	343	RW56	D343, WH8	Type B, 509	23-109	2.99
362	362	RW310	D362	Type S, 532, SR721	23-110	2.99
364	364	RW320	D364	Type T, 531, SR621	23-111	2.99
396	396	RW411	D396	Type V, 556, SR726	23-112	2.99
399	399	RW413	....	Type W, 543, SR926	23-113	2.99
GP675	EP675	RP675	MP675	8107, M13	23-1521	3.99

Lithium Calculator Batteries

- Longer Shelf Life
- Superb Leakage Resistance

A breakthrough in lightweight, high-voltage, high energy-density power. Lithium cells are the latest in high-performance power sources.



Radio Shack	Replaces		Cat. No.	Each
CR2016H	E2016	DL2016	23-160	2.99
CR2025	E2025	DL2025	23-161	2.99
CR2032	E2032	DL2032	23-162	2.99
CR2320H	E2320	....	23-163	2.99

Maximum-Performance Alkaline Calculator Batteries



Maximum protection from leakage through exclusive sealing design. Long-life keeps your calculator running at peak performance.

Radio Shack	Replaces				Cat. No.	Each
76A	A76	RW82	LR43	V13GA, 76A	23-115	1.59
86A	186	RW84	LR43	V12GA, 86A	23-116	1.59
89A	189	RW89	LR1130	10GA, 89A	23-117	1.59
91A	191	....	LR1120	....	23-118	1.59

Mercury Hearing Aid Battery Pack

Each battery passes more than 20 exacting quality checks, your assurance of the dependability you need.



Radio Shack	Replaces				Cat. No.	Price
675H 13H	EP675 E13E	RP675 R13	MP675H RM13H	8107.675MP 8118.M13	23-145 23-146	Pkg. 6/5.99 Pkg. 6/5.99

There's a Tandy Store or Dealer Near You — Wherever You Are

SAFE, SOLDERLESS SCIENCE FAIR® HOBBY KITS

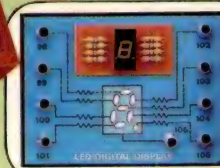


Increase Your Knowledge With 160 Challenging Electronics Projects

49⁹⁵

Includes Everything you Need to Work All Projects Featured in Kit

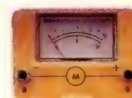
Build radios, learn about solar telemetry, experiment with computer circuits, and much more! Parts are pre-mounted with spring-clip connectors. All projects are solar or battery powered. Requires one 9V and two "AA" batteries. 28-258 **49.95**



7-
Segment
LED



Code Key



Meter

Includes 186-page lab manual

50 Electronic & Magnetic Projects



34⁹⁵

**STILL AT
1983
CAT. PRICE**

**Finished Wood Workbox
With Pre-Mounted Parts**

Stimulates young minds. Build a radio, telegraph, Morse code system, and more. Work with transistors, diodes, resistors and capacitors. With lab-type manual. Requires two "AA" and one 9V battery. 28-227 **34.95**

Solar Energy Lab Kit with 120 Exciting Experiments

39⁹⁵

- Learn How Solar Energy Works
- Build a Solar Powered Radio, Sun Dial & More
- Complete with Comprehensive Manual

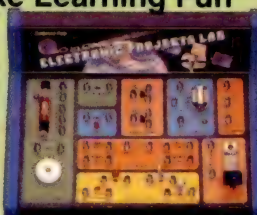
Fully equipped with parabolic reflector, silicon solar cell, transistors and more, you can build a radio, sun-beam communicator and light powered perpetual motion pendulum. Some experiments require 9V battery (not incl.). 28-9601 **39.95**



30 Projects Make Learning Fun

21⁹⁵

Construct a radio, beacon light, alarm, timer and simple computer circuits. With earphone. Requires two "AA" batteries. 28-161 **21.95**



Parts Are Pre-Mounted In Sturdy Molded Case



Ten Electronic Projects

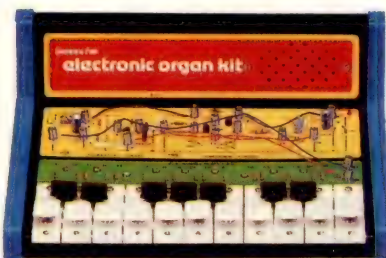
**STILL AT
1983
CAT. PRICE**

13⁹⁵

Build a water detector, code system, "and", "or" and flip-flop computer circuits. Requires 9V battery. 28-160 **13.95**

Electronic Organ Kit

**NEW
FOR '84**



19⁹⁵

With 18 Keys Including Sharps and Flats

Build a tunable organ that plays natural and chromatic musical scales. Built-in speaker. With song book. Requires 9V battery. 28-251 **19.95**

Build a Transistor AM Radio

10⁹⁵

Listen to local stations. Tunes entire 550-1600 kHz band. With earphone. Requires 9V battery. 28-229 **10.95**



"Old-Time" AM Radio Kit "Plays Forever"

**STILL AT
1983
CAT. PRICE**

8⁹⁵

No tubes, transistors or batteries. Like the very first radios, a crystal converts RF to audio. With earphone. 28-219 **8.95**



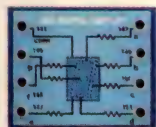
PROJECT KITS FOR ELECTRONICS LEARNING FUN

Our Largest Lab Kit! 200 Projects

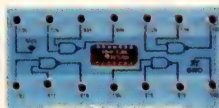
59⁹⁵

A Great Introduction Into the Exciting World of Electronics!

**STILL AT
1983
CAT. PRICE**



7-Segment LED



2 Integrated Circuits

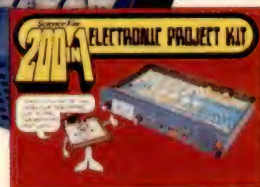


Meter

No prior knowledge of electronics necessary! Build a burglar alarm, telegraph, AM broadcast station, digital timer, electronic organ, radios and much more. You also get two integrated circuits to learn computer fundamentals. All parts are pre-mounted in the molded case with out-front controls and speaker. Includes see-thru dust cover. Requires six "AA" batteries. **28-249 59.95**



Includes 128-page lab-type manual with easy-to-follow instructions



Discover the Miracle of Solar Power



**NEW
FOR '84**

21⁹⁵

Solar cells power most projects: radios, a light-activated alarm, electronic storage tank, others. Springclip assembly. Requires 9V battery.

28-255 21.95

Digital "Computer" Kit

36⁹⁵

100 Exciting Projects

Learn about programming, binary math, health, geography and more. Lighted display, ten control switches. Springclip assembly. 68-page manual. Requires three "C" batteries.

28-218 36.95

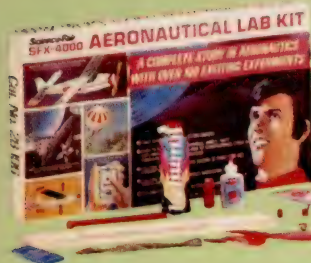


Learn All About Aeronautics

100 Flight Projects

39⁹⁵

Build a helicopter, flyable model plane, helium balloon. Includes lab-type manual. **28-196 . . . 39.95**

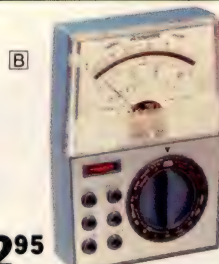
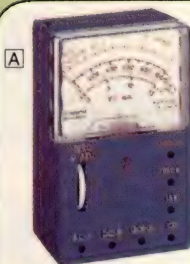


Electric Motor/Generator Kit

21⁹⁵

**STILL AT
1983
CAT. PRICE**

Tri-polar motor measures RPM and current, powers devices. Requires two "C" batteries. **28-194 21.95**



21⁹⁵

**STILL AT
1983
CAT. PRICE**

**NEW LOW
PRICE**

26⁹⁵

Was \$28.95 in 1983 Catalogue

ArcherKit® . . . Solder Kits for Advanced Hobbyists

[A] 8-Range Multitester Kit. Pocket-sized. 1000 ohms/volt DC sensitivity. Measures to 1000V, AC and DC, in six ranges, DC current to 150mA, resistance to 100,000 ohms. With leads. Requires "AA" battery.

28-4012 12.95

[B] 25-Range Multitester Kit. Color-coded mirrored scale. 20,000 ohms/volt DC sensitivity. Measures to 1200V, AC and DC, in 12 ranges, DC current to 60 uA, and 0-300 mA in three ranges, resistance to R x 1000. With leads. Requires "AA" battery.

28-4013 26.95

[C] Portable AM Radio Kit. Printed circuit boards for easy assembly. Built-in speaker, plus earphone jack for private listening. 540-1600 kHz. With instructions. Requires 9V battery. **28-4029 21.95**

YOU'RE IN THE DRIVER'S SEAT WITH RC VEHICLES



Steering Trim Adjustment

You're the driver of this sleek, powerful racing machine. Highly responsive controls for high-speed racing! Requires four "AA" and two 9V batteries. 27cm long. 27 MHz. 60-3083 39.95

High-Performance, Authentic BMW 323 Racer

Multi-Function Remote Control Lets You Move Forward and Backward, Stop, Turn Right and Left in Both Forward And Reverse

NEW FOR '84

39⁹⁵



High-Speed Porsche 928 Racer

15⁹⁵



Authentically Styled

When the green flag drops, GO! Hand-held transmitter is your "steering wheel" for forward, reverse/turn commands at your fingertips. Requires four "AA", two 9V batteries 23cm long. 27 MHz. 60-3041 15.95



Sleek Mustangs for Exciting Fast-Paced Action

- Two Different Frequencies—Race 'em Against Each Other
- For Any Smooth Surface

NEW LOW PRICE

29⁹⁵ Each

Were 34.95 each in '83 Catalogue

Authentically-styled racers that really fly across the racetrack. Each requires three "AA", two 9V batteries. 20cm long.

A Mustang. 27 MHz.

60-3077 29.95

B Mustang. 40 MHz.

60-3078 29.95



Off Road Land Cruiser

NEW LOW PRICE

49⁹⁵

Was \$59.95 in 1983 Catalogue

- Hi/Lo Switch
- Special Safety Device Stops Car Automatically

Go-anywhere radio controlled car has what it takes to be an explorer. Big tyres and roll bar mean it is ready to handle the rough stuff. Requires two 9V and eight "AA" batteries. 26cm. 27 MHz.

60-9023 59.95



Digital Proportional Racers With Direct Response to Your Commands



59⁹⁵

NEW FOR '84

- Full Control at Your Fingertips
- Speed and Steering Trim Adjustments
- Detailed, Authentic 1/14-Scale Styling

Porsche 935-78 Turbo. Pretend you're at the wheel of this dynamic racer. Clutch in, RPMs up, Green flag, Go! Races forward and reverse, turns left/right, stops. Requires four "C", two 9V batteries. 34.3cm long. 27 MHz.

60-8079 59.95



NEW LOW PRICE

89⁹⁵

Was \$99.95 in 1983 Catalogue

- Moves Forward and Reverse, Turns Left and Right Proportionally
- Dual-Speed Control Switch
- Direct Response to Your Commands

Porsche 935. Grab the wheel and fasten your seat-belt for a high-speed race to the finish. For ages 6 and up. Requires ten "AA", five "C" batteries. 35.6cm long. 27 MHz. 60-3045 . . . 89.95



NEW FOR '84

69⁹⁵

- Three Gear Levels for Climbing, Driving and Racing
- Quick Forward/Reverse Starts
- Durable Construction

Jeep® Renegade. Traverses the most rugged terrain or speeds by the fastest racers. Goes forward and reverse, turns left and right, stops. Requires five "C", six "AA" batteries. 34cm long. 27 MHz.

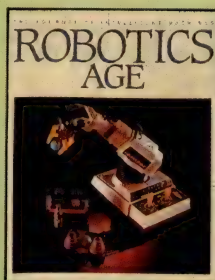
60-3089 69.95



Jeep is a registered trademark of Jeep Corp. and is used with its permission.

ROBOT "ARM" FOR HOURS OF EXCITING ACTION

Armatron™ Provides Fun and Creative Enjoyment for the Whole Family



"It is addictive after you first flip the power switch. If you buy one for yourself, either get another for the kids or don't let them see it."

Robotics Age Magazine, Copyright 1982



54⁹⁵

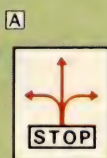
Armatron works just like real robots. You can manipulate it to execute "hazardous" scientific experiments in your "laboratory" or add cream and sugar to your coffee. It can even move game-board pieces for you. Two joysticks activate all its motions for total command—simply rotate them in the proper direction and it will give you the movement necessary to grip, pick up, rotate, move and release. The rubber-coated pinchers are excellent for secure gripping. You can compete with Armatron, too. Just use the energy level meter as a countdown timer and test your skill against an opponent. Includes globe modules, cannisters and cones for exercising delicate operations. Good clean fun for kids of any age. Requires two "D" batteries. 35.5cm high at maximum arm extension. Base 21cm wide and 16.5cm long. **60-2364 54.95**

RC Replicas — Now You Command And Control!



34⁹⁵

NEW LOW PRICE
Was \$39.95 in
1983 Catalogue



49⁹⁵

NEW LOW PRICE
Was \$59.95 in
1983 Catalogue



[A] Battle Tank. A realistic-looking tank for action-packed fun! Attacks or evades with forward, right and left, stop commands. Requires three "C", two 9V batteries. 21cm long. 27 MHz. **60-3009 34.95**

[B] Sherman Tank. A scaled down model of the renowned WW-II tank! Maneuvers forward, right and left, stops. Climbs 45° inclines. Requires three "C", two 9V batteries. 33cm long. 27 MHz. **60-3037 49.95**



19⁹⁵



[C] Budget. A US Army Jeep with provision for army action-figures. Forward, reverse/turn commands. Movable gun. Requires four "AA", two 9V batteries. 22cm long. 27 MHz. **60-3087 19.95**

[D] Christina Cabin Cruiser. Be your own captain with this luxurious cruiser. Auto-bilge pump, recharge jack for Ni-Cad batteries. Requires four "AA", four "C", 1 9V batt. 46.6cm long. 27 MHz. **60-9024 54.95**

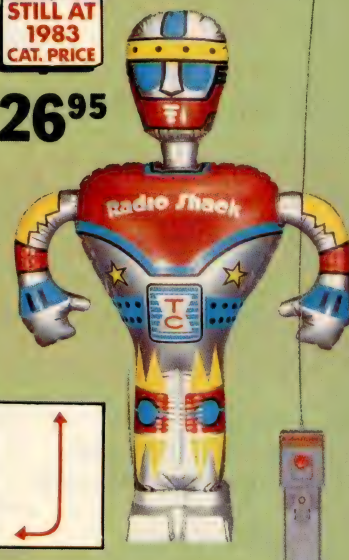


54⁹⁵

Outer-Space Robot

**STILL AT
1983
CAT. PRICE**

26⁹⁵



He's at your command, and moves forward and turns in reverse at the touch of a button. Motorized base has on-off switch. An intergalactic buddy! Requires four "C", two 9V batteries. Over 90cm tall. 27 MHz. **60-3023 26.95**

GREAT GAMES FOR LOTS OF FAST-PACED ACTION

Alien Chase Space Battle With Double-Faced Display

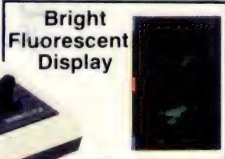


**NEW
FOR '84**

59⁹⁵

- Twin Displays Let Two Players "Fight it Out" In Face-to-Face Competition—Or Play It Alone, Against the Computer
- Four Game Variations at Two Skill Levels

You're an astronaut patrolling in space. Your mission: capture the aliens as they leave their ship and take them to your home base. But be careful—your opponent's after them too, and he can steal them away. Of course you can go after his captives too, but watch out for his beam guns, and stay away from those meteorites! Brilliant 4-color fluorescent display, action sound effects for hours of fun. Sound On/Off switch. 15.9 x 14.9 x 20.8cm. Requires four "C" batteries or AC Adapter #273-9553. **60-2186 59.95**



Fight Your Way to the Top Of the Hill With Kingman



**NEW
FOR '84**

49⁹⁵

- Four Separate Patterns of Increasing Difficulty
- Sound On/Off Switch
- Bright, Multi-Color Fluorescent Display

Help the young lad rescue the fair damsel from Kingman and his family. 2.5 x 8.6 x 19cm. Requires four "AA" batteries or AC Adapter #273-9553. **60-2184 49.95**



Explore Dangerous New Worlds With Zackman

**NEW
FOR '84**

54⁹⁵

- Four-Direction Joystick Control
- Wide Fluorescent Color Screen
- Sound On/Off Switch

You're on a hostile planet and under attack. Fight off robots and falling rocks to get the energy capsule and get away. 4-direction joystick. 13.3 x 15.1 x 23.7cm. Requires four "C" batteries or AC Adapter #273-9553. **60-2185 54.95**

Shark Island Pocket Adventure Game



**NEW
FOR '84**

26⁹⁵

Liquid Crystal Display

Avoid sharks and falling coconuts. Two skill levels. 6.8 x 10.8 x 6.8cm. With batteries. **60-2179 26.95**

Pocket King Kong™ Game



With 4-Direction Control Button

**NEW
FOR '84**

29⁹⁵

Liquid Crystal Display

Climb the building to rescue the lady from King Kong, while avoiding his bombs. One or two players, four skill levels. 10.8 x 6.7 x 1.3cm. With batteries. **60-2182 29.95**
TM King Kong is a trademark of Universal Studios, Inc.

Tandy-12 Electronic Computerized Arcade

NEW LOW PRICE

29⁹⁵ Was \$32.95 in '83 Cat.

- 12 Games in One
- Large Brightly-Lit Easy-Punch Buttons
- Loud Musical Tones

Play repeat games, baseball, casino roulette and more! Requires 9V and four "C" batteries. **60-2159 29.95**



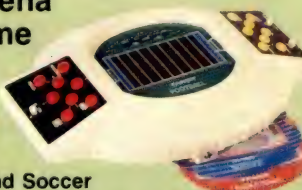
Sports Arena 3-in-1 Game

29⁹⁵

**NEW
FOR '84**

Play Grid Iron, Basketball and Soccer

Three fast-paced games for head-to-head 2-player competition. Easy four-directional controls, LED display. Pro and amateur settings. 4.3 x 27 x 20cm. Requires 9V battery or AC Adapter #273-9553. **60-2178 29.95**



Pocket Repeat Game

NEW LOW PRICE

14⁹⁵

Was \$16.95 in '83 Cat.

Computerized Fun that Goes Anywhere

Beat the computer at its own game — play back colours and sounds in the same sequence. Two different games in a "mini" size that fits pocket or purse. 3.3 x 7.9 x 7.9cm. Requires 9V battery. **60-2152 14.95**



MORE ELECTRONIC FUN AND GAMES FOR ALL AGES

Computerized Portable Sensory Chess

**NEW
FOR '84**

89⁹⁵



- Nine Levels of Play
- Memory Stores Unfinished Games And Lets You Finish Them Later

Tandy 1650 Chess. Great for beginners or advanced players. Lets you set up positions and problems for analysis. You can even ask the computer for move suggestions. Sensitive playing board with LED position indicators and soft-touch control panel keys. 4 x 19 x 11cm. Requires three "AA" batteries.

60-2187 89.95

LCD Computer Backgammon Game

**NEW
FOR '84**

79⁹⁵



- Play With a Friend Or Against the Computer
- Full LCD Board

Hours of fun for beginners or advanced players. Pushbutton controls let you move "pips" without error. Computer rolls at random—or comes with plastic dice, if you prefer to enter moves manually. Clear button lets you take moves back. Keeps game scores. 2 x 21 x 10.5cm. Requires four "AA" batteries.

60-2188 79.95

Electronic Programmable Organ

**STILL AT
1983
CAT. PRICE**



29⁹⁵

Records and Plays Back Up to 98 Notes and Spaces in Any Combination

Features manual play with 22 keys and "space" key. With eight pre-recorded songs, songbook and easy-to-read instruction manual. 35 x 16 x 4.4cm. Requires six "AA" batteries.

60-1022 29.95

Play it Again on an Electronic Organ

49⁹⁵



**STILL AT
1983
CAT. PRICE**

LED Display for Light and Learn Teaching Mode

With eight pre-recorded songs it plays and teaches with lights. Compose your own music and play it back. Inspire young musicians to learn rather than play. Tempo, volume and vibrato controls. Requires 6 "AA" batteries. **60-9017 49.95**

Portable, Five-Voice Melody Maker is the Instrument Anyone Can Play!



NEW LOW PRICE

69⁹⁵

Was \$79.95 in '83 Cat.

- Built-In 100-Note Memory with Automatic Playback
- Five Preset Voices and Ten Rhythm Accompaniments
- Built-In Calculator

Realistic Concertmate®—200. Now you can make great-sounding music without years of practice! With one finger you can create a melody, play it back, change tempo and notes until it's perfect, even add a rhythm accompaniment. The ADSR mode lets you explore over 80 million sound combinations. And you can easily repeat the sounds you create. Musical characteristics—Attack, Decay, Sustain, Release, Tempo and Pitch—and are presented numerically on the liquid crystal readout. Fully portable, the amazing Concertmate plays through its built-in speaker, a stereo system or any amplifier. A great gift for yourself or anyone. Requires four "AA" batteries or AC Adapter (14-9521).

Size: 2.9 x 29.8 x 7.6cm. 42-4001 69.95

Specifications

Keyboard: 29 keys. **Preset Sounds:** Piano, Fantasy, Violin, Flute, Guitar. **Rhythms:** March, Waltz, Rock 1 & 2, 4-Beat, Swing, Bossa Nova, Samba, Rumba, Beguine. **Pitch Shift:** $\pm 1/2$ tone. **Octave Shift:** 3 Levels.

VOICE-OPERATED FM HEADSET WALKIE-TALKIES

Deluxe Double Superheterodyne
Circuit Gives You Superb
Performance at Work or Play!

169⁹⁵
Pair

NEW
FOR '84

Available 15 December 1983

- Hands-Free Communication up to 800m, Outdoors, 400m Indoors
- Special Voice-Activated Circuit With 3-Level Sensitivity Setting
- Lightweight, Adjustable Headphone Fits Over Only One Ear for Safety

Realistic TRC-500 2-Way FM Headset Walkie-Talkies. Now you can talk easily with a companion while jogging, biking or working in the field! Voice-activated circuit automatically engages the transmitter when you speak into the adjustable boom mike, then switches back to receive when you stop speaking. Set the sensitivity switch to "low" while jogging to prevent accidental transmission, or set it on "high" to pick up whispers while you fish. Push-to-talk button for manual operation, 3-level volume control. The 1/2 microvolt dual-conversation superhet receiver assures noise-free operation. Includes belt clip, antenna. Requires 9V battery for each headset. 55 MHz. **21-400 169.95**

Conforms to
DOC Specification RFM E005



11⁹⁵ Each
[A]

24⁹⁵ Each
[B]

29⁹⁵ Pair
[C]

STILL AT 1983 CAT. PRICE

CONFORMS TO D.O.C. SPECIFICATION RFM E001

Low-Cost Archer Space Patrol® Walkie-Talkies

Space Patrol for Outdoor Adventure

- Flexible Antenna for Rugged Use Without Breaking
- Great for Hiking, Camping, Fishing or on Trips

[A] Buy a pair for outdoor fun and safety — talk, or send messages in code. Features built-in Morse Code key with code alphabet on front panel. Just two simple controls: On-off switch and lock-on talk button. Not CB — no license required! Requires 9V battery. **60-4005 Each 11.95**

Space Patrol with Built-In AM Radio

Keep in Touch for Outdoor Fun, or Just Use it to
Listen to Your Favourite AM Radio Station

[B] Two radios in one for double fun! Features on-off/volume control, AM tuning, plus locking talk button, Morse Code key, code alphabet on front panel, telescoping antenna, carry strap. Not CB — no license required! Requires 9V battery. **60-4003 Each 24.95**

Fun-Filled Micro-Thin Space Patrol

- Compact Enough to Fit in a Shirt Pocket
- Handy Communications Indoors or Out

[C] Goes anywhere! Features ultra-sensitive super-regenerative receiver, 38mm speaker, push-to-talk button, telescopic antenna. Not CB — no license required! Requires two 9V batteries. **60-4004 Pair 29.95**

Metal Detectors for Hours of Fun

Low-Cost Detector — Great for Kids

[D] Easy to operate! Spots anything metallic up to 15cm underground. Tuning and fine-tuning controls. Sensitive search coil changes pitch of tone from speaker when a "find" is near. Shaft extends to 69cm. Requires 9V battery. **60-3003 . 29.95**

Standard Metal Detector

[E] Discover metal under soil, wood and dry sand. Water-resistant coil has Faraday Shield to help reduce false readings. Large meter, peaking and volume controls. Lightweight design — ideal for lengthy searches. Includes earphone. Shaft extends to 60cm. Requires six "AA" batteries. **63-3001 59.95**

Discriminator-Type Detector

[F] **Micronta® 4001.** Advanced circuit helps discriminate between valuable articles and "junk" items like bottle caps and pull tabs. Built-in speaker gives audible indication, and a large meter provides visible reading. Features a convenient handle-mounted pushbutton for automatic tuning, front-panel volume and discriminator controls, battery test switch. Water-resistant, extra-sensitive 15cm coil, 1/4" headphone jack. Shaft extends to 60cm. Requires six "AA" batteries. **63-3002 79.95**

Locate Buried Valuables

29⁹⁵ [D] **59⁹⁵** [E] **79⁹⁵** [F]

Outdoor
Adventure for
The Whole Family



WAKE UP TO VALUE WITH MICRONTA® ALARM CLOCKS



LCD "Time Projector" Alarm Clock

NEW
FOR '84

49⁹⁵



- Projects the Time Onto Your Ceiling for Night Viewing
- Quartz-Controlled Accuracy
- AC Adapter for Constant Use of Projection Lamp

The ultimate in bedroom convenience! See the time without looking at the clock. Features a 24-hour alarm with snooze control—tap the snooze bar and alarm shuts off for four minutes, and lights the projection lamp and display. 1.5cm LCD, hour/minute time setting, a.m./p.m. indicators. 14 x 8.8 x 5.7cm. Requires two "AA" batteries. 63-790 49.95

Available Nov. 15, 1983

Deluxe LED Alarm Clock

NEW
FOR '84



29⁹⁵

Big 2.2cm display is easy to read from across a room! Snooze, auto display brightness, LED p.m. indicator. 6 x 15.9 x 9.5cm. 63-828 29.95

Battery Backup/Battery Sentinel™



Even if AC power fails, you'll be on time! Battery Backup keeps clock running, without display, for up to eight hours and alarm for 10 minutes.



Front-panel red LED warns you if backup battery is weak or missing.



Compact LED Alarm

NEW
FOR '84



24⁹⁵

Features snooze control for extra winks, big 1.8cm display, 24-hour alarm. 5.4 x 14 x 7.6cm. 63-826 24.95

LED Dual-Alarm Clock/Calendar



"His" and "hers" alarm settings for two wake-up times! 1.8cm LED display shows month/date or time. 6.4 x 16.5 x 8.9cm. 63-776 34.95

34⁹⁵

Fluorescent Display Alarm



Space-saving clock has bright 1.5cm display, snooze, 24-hour alarm. 5.4 x 14 x 7.6cm. 63-753 29.95

29⁹⁵

12/24-Hour LED Alarm

NEW
FOR '84



19⁹⁵

Ideal for computer users, Hams, SWLs, pilots. 1.5cm 12 or 24-hour display, alarm, snooze. 4.7 x 13 x 7.3cm. 63-760 19.95

Jumbo LED Alarm Clock

44⁹⁵



Easy-to-read 4.6cm display, snooze, 24-hour alarm, hi/lo brightness. 10.5 x 21.9 x 6.3cm. 63-825 44.95

LED Alarm With Dual Display

49⁹⁵



Shows both the present time and the alarm time. Features snooze, 24-hour alarm. 10.8 x 22.2 x 6.3cm. 63-777 49.95

BATTERY-POWERED, ACCURATE QUARTZ CLOCKS

Square Cordless Wall Clock



**NEW
FOR 84**

27⁹⁵

No power cord to tangle! Large hands and numerals, sweep second hand. 27.3 x 27.3 x 3.8cm. Requires "AA" battery.
63-803 27.95

Cordless Table Alarm Clock



**NEW
FOR 84**

19⁹⁵

Available
Oct. 30, 1983

No more messing with cords — great for trips, camping. Features snooze button, sweep second hand, luminous hands and dial. 8.2 x 13.9 x 6.3cm. Requires "C" battery. 63-740 ... 19.95

Cordless Quartz Wall Clock



**NEW
FOR 84**

19⁹⁵

Easy-to-read 19cm diameter face with large hands and numerals, sweep second hand. No dangling, tangling cord. Requires "AA" battery.
63-804 19.95

LCD Folding Travel Alarm

26⁹⁵



**NEW
FOR 84**

Fits in pocket, purse or briefcase. 1.5cm backlighted display, snooze control. Folds to 7.6 x 7.9 x 1.8cm. With battery.

63-705 26.95

Micro LCD Travel Alarm



17⁹⁵

Goes where you go. Has snooze, backlighted display, stand. 3.8 x 5.7 x 0.5cm. With battery and pouch.

63-704 17.95

Miniature Travel Alarm



**NEW
FOR 84**

14⁹⁵

Handy, low-cost timekeeper for trips, glovebox. Luminous hands, sweep second hand. With carry pouch. 5.7 x 5.7 x 2.8cm. Requires "AA" battery.

63-716 14.95

LCD "Anywhere" Digital Clock



**NEW LOW
PRICE**

17⁹⁵

Was \$21.95 in
1983 Catalogue

Mounts easily on car or boat dash, refrigerator, stove, anywhere! With slide-in bracket, double-sided tape. 3.1 x 8.2 x 17.9cm. With battery.

63-836 17.95

Mount-Anywhere Alarm Clock



**NEW
FOR 84**

21⁹⁵

Switchable 12 or 24-hour backlighted LCD display, snooze button. With slide-in bracket and double-sided tape. 4 x 8.2 x 1.2cm. With battery. 63-838 21.95

Stick-On LCD Calendar Clock

4⁹⁹

**NEW
FOR 84**



Sticks almost anywhere! Shows hour and minute, or month and date. With mounting tape and battery. 3.8 dia. x 1.7cm.

63-839 4.99

THE VERY LATEST IN PERSONAL ELECTRONICS

Accurate Quartz Clocks for Vehicles



A
42⁹⁵



B
26⁹⁵



C
37⁹⁵

Car clocks with accurate quartz-controlled time. Displays dim for night driving and blank when ignition is off. Include mounting hardware and instructions.

- A Fluorescent Car Clock.** Built-in tachometer, headlight warning. 4.7 x 9.2 x 3.8cm. 63-837 42.95
- B LED Mini Clock.** Hi/Lo brightness control. 3.8 x 8.8 x 8.5cm. 12VDC pos. or neg. gnd. 63-833 26.95
- C Fluorescent Car Clock With 24-Hour Alarm.** Recessed fast/slow alarm and time-set. 4.7 x 10.1 x 4.1cm. 12VDC pos. or neg. gnd. 63-834 37.95

Reliable Micronta® Quartz LCD Watches

39⁹⁵



A
NEW LOW PRICE
Was \$44.95 in 1983 Catalogue

19⁹⁵



B
NEW FOR 84

34⁹⁵



C
STILL AT 1983 CAT. PRICE

All Include Batteries, Backlighted Display

- A Calculator Alarm Watch.** Eight-digit 4-function calculator, mineral lens, dual time, calendar, 1/100 second stopwatch with lap time, 24-hour alarm. 63-5054 39.95
- B Sport Watch With Alarm.** Shows hours/minutes, or month/date, internal stopwatch with lap and total timing. 63-5055 19.95
- C Chronograph or Alarm Watch.** Select 24-hour alarm or 1/100 sec. stopwatch, backlighted, mineral lens. 63-5051 34.95

LCD Quartz Stopwatches



A
NEW FOR 84

29⁹⁵

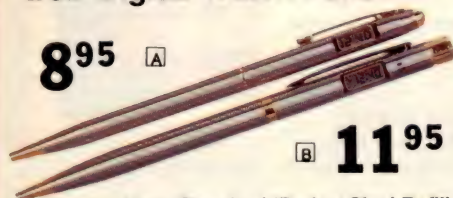
- A Audible signal indicates start/stop/lap/reset. With batteries.** 63-5010 29.95



- B Chronograph.** Lap and total time, day, date. With batteries. 63-5009 39.95

LCD Digital Watch Pens

8⁹⁵



B
11⁹⁵

- Uses Standard 'Parker-Size' Refill
- Accurate to One Minute Per Month

- A Watch Pen.** Displays hours, minutes and seconds or month and date. With batteries. 63-5075 8.95
- B Watch Pen With Alarm.** Alarm reminds you of your appointments. Displays hours/minutes/seconds or month/date. Chimes on each hour. With batteries. 63-5076 11.95

Light and Moisture Meter for Growing Healthier Plants



9⁹⁵

Completely Self-Powered

Probe With 20cm Coiled Cord—Easy To Use Even With Hanging Plants

Meter switches from light to moisture readings instantly. Pointed probe for easy insertion even in dry soil. 28-page manual with readings for hundreds of plants. 16.5x3.8x2.5 cm. 63-685 ... 9.95

Biofeedback Monitor

21⁹⁵

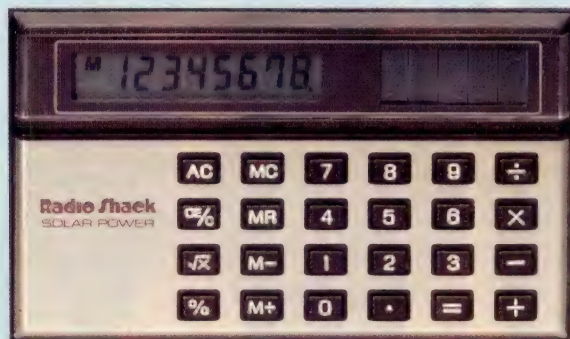
Learn to Control Stress



Attach sensors to fingertips, and listen. Tone rises when you're under stress, drops as you relax. Also fun for "lie detector" games. Built-in speaker, earphone jack. Requires 9V battery. 63-675 21.95

SOLAR AND BATTERY POWERED LCD CALCULATORS

Card-Size Solar With Memory



Card Case

**NEW
FOR '84**

12⁹⁵

Auto-Constant Lets You Repeat Numbers and Operations

Radio Shack EC-406. All you need is light! Four-key memory lets you store numbers, then recall and use them again. Square root and percent keys. 8-digit display. 5.9x9.8x0.6cm. 65-904 12.95

Deluxe Full-Size Solar

NEW LOW
PRICE

22⁹⁵

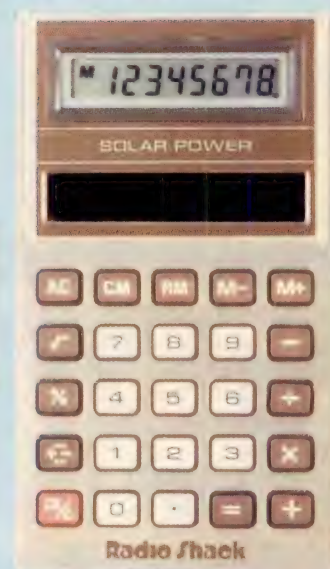
Was 24.95 in
1983 Catalogue

- 4-Key Memory
- +/− Sign Change

Billfold
Case



Radio Shack EC-402. Never needs batteries — calculates using light indoors or out. Features Auto-Constant for repeating operations, square root and percent keys. 8-digit display. 11.2x6.5x0.6cm. 65-689 22.95



Musical-Entry Tone Calculator

**STILL AT
1983
CAT. PRICE**

18⁹⁵

**Automatic
Power-Off**

Radio Shack EC-276. "Beep" verifies entry. Features 3-key memory, Auto-Constant. 8-digit display. 10.1x6.0x0.4cm. With batteries. 65-687 18.95

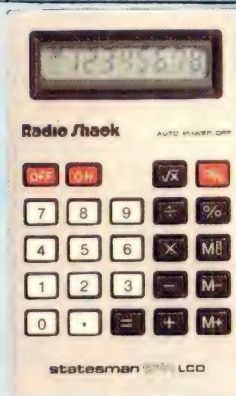
"Statesman" Super-Thin

NEW LOW
PRICE
Was 12.95 in
1983 Catalogue

10⁹⁵

**Less Than
5mm Thin**

Radio Shack EC-274. Features auto power-off, 3-key memory, Auto-Constant. 8-digit display. 10.8x6.0x0.4cm. Comes with batteries. 65-686 10.95



Billfold
Case



Child's Learning Calculator Makes Math Fun

16⁹⁵



Illustrated
Booklet



**The Perfect
Way for Kids
To Learn How to Use a Calculator**

Radio Shack EC-351. Give your youngster a head start with this educational calculator. The easy-to-follow booklet makes it a snap for kids who can read to learn math basics. They'll be adding, subtracting, multiplying and dividing in no time! Auto-Constant repeats operations. 8-digit easy-to-read liquid crystal display. Colorful, unique styling. A terrific learning aid! 16.8x9.5x1.9cm. Requires two "AA" batteries. 65-825 16.95

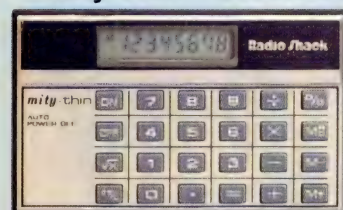
"Mity-Thin" Credit-Card Sized

NEW LOW
PRICE

10⁹⁵

Was \$14.95 in
1983 Catalogue

**Automatic
Power-Off Saves
Batteries**



"Card"
Case

Radio Shack EC-277. Features 3-key memory, Auto-Constant for repeating operations, square root and percent keys. 8-digit display. Super slim — measures only 8.6x5.1x0.4cm. With batteries. 65-688 10.95

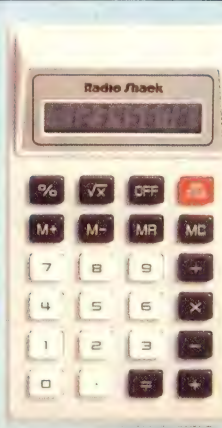
Low-Cost With 4-Key Memory

**NEW
FOR '84**

8⁹⁵

- Auto-Constant
- Square Root Key

Radio Shack EC-205. A great value! Features square root and percent keys. Easy-to-read 8-digit display. 11.4x6.6x1.6cm. Requires "AA" battery. 65-501 8.95



SPECIAL LCD CALCULATORS

Smartly Styled "His 'n Hers" Folding Solar Calculators Make Great Gifts Anytime

A **24⁹⁵** For Him **For Her** **24⁹⁵** **B**

NEW FOR '84

Handsome Thin
Wallet Style

Sleek Ladies'
Compact Style

NEW FOR '84

A Handsomely-styled calculator never needs batteries! Features 3-key memory, Auto-Constant, +/– sign change, square root and percent keys. 8-digit display. 8.6x2.7x0.6cm. **65-905** **24.95**

B Attractive calculator works wherever there's light. Features 3-key memory, Auto-Constant, +/– sign change, square root and percent keys. 8-digit display. 6.6x6.3x0.9cm **65-902** **24.95**



Fits in
Coat Pocket



Fits Easily
In Purse



Handy Financial Calculator
Solves Tough Problems

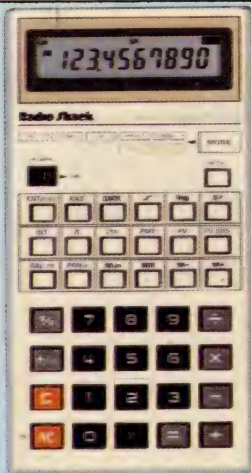
39⁹⁵

Figures Interest,
Annuities, Dates



Billfold
Case

Radio Shack EC-4051. Does compound interest, loan schedules, annual payments, bonus plans, annuity deferral values, date calculations, and much more. Auto power-off, Auto-Constant, +/– sign change and percent keys. 10-digit display. With detailed manual, battery. 13.3x7.1x0.7cm. **65-995** **39.95**



Feature-Packed Checkbook Calculator

24⁹⁵

STILL AT 1983 CAT. PRICE

- Makes Checking Calculations Easy
- 3 Separate Memories For Checking and Credit Card Balances
- Checkbook-Size Carry Pouch Also Holds Checks and Pen



Radio Shack EC-306. Perfect for budget balancing—deposit, cheque, charge, payment and balance keys. Auto-Constant, percent key. 8-digit display. 15.3 x 7.2 x 0.6cm. With batteries. **65-696** **24.95**

Solar Powered Metric
Conversion Calculator

NEW FOR '84

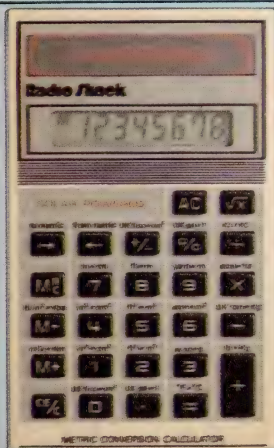
19⁹⁵



Billfold Case

Performs 40 Metric
Conversions at the Touch of a Key

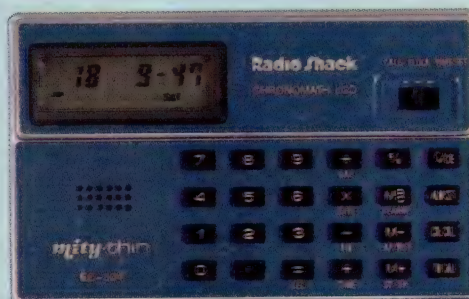
Quickly converts from standard to metric, or reverse. Also does math functions. Features 3-key memory, Auto-Constant, +/– sign change, square root and percent keys. 8-digit display. 10.3x7.4x0.6cm. **65-926** **19.95**



LCD Alarm
Stopwatch
Calculator

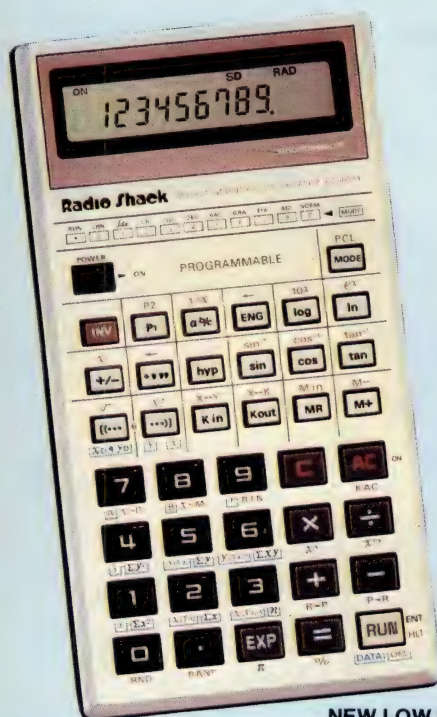
29⁹⁵

- Stopwatch Shows Lap and Total Time To 1/10 Second



Radio Shack EC-304. A pocket information centre! Eight-digit calculator features 3-key memory, percent, decimal keys and math functions. Display shows time, stopwatch or time/day/date. Easy to set, with PM and alarm-on indicators. 5.9x9.4x0.6cm. Includes vinyl case and long-life batteries. **65-694** **29.95**

LCD CALCULATORS FOR SCIENTIFIC PROBLEMS



NEW LOW PRICE

46⁹⁵

Was 49.95 in '83 Catalogue

- 7 Separate Memories
- 61 Different Functions
- 38-Step Programming

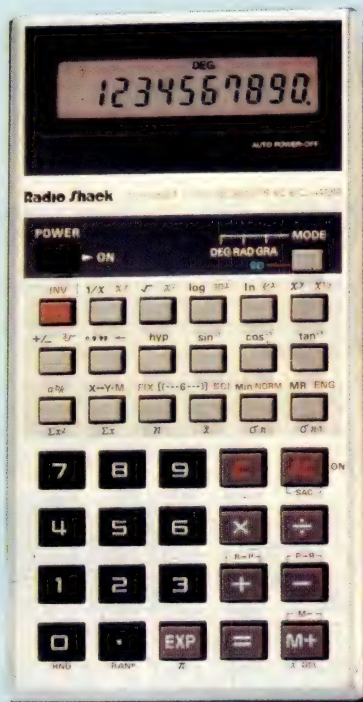


Billfold Case

Programmable Scientific

Radio Shack EC-4004. You get regression analysis, integrals, and the use of up to 18 nesting parenthesis at six levels. Full floating decimals. 10-digit mantissa. 13.3 x 7.3 x 0.6cm. With detailed manual, battery.

65-658 46.95



37⁹⁵ NEW LOW PRICE

Was \$41.95 in 1983 Catalogue

- Exponents to 10 ± 99
- Power-Off Memory Retention



Billfold Case

50-Function Scientific

Radio Shack EC-499. All the power you need for complex math problems. Six levels of parenthesis and independent memory. Random number generator. 13.1 x 7.1 x 0.9cm. With long-life battery.

65-655 37.95



STILL AT 1983 CAT. PRICE

29⁹⁵

- Six Levels of Parenthesis
- Random Number



Carry Pouch

42-Function Scientific

Radio Shack EC-4006. Budget-priced, but has the power for complex calculations. Features 10-digit mantissa, 8 with 2-digit exponents, standard deviation. Auto power-off with memory retention. 14.9 x 7.62 x 1.9cm. Requires two "AA" batteries. 65-975 .29.95

Scientific "Slide Rule"

NEW FOR '84

24⁹⁵

- 30 Function Keys
- 5-Digit Mantissa

Radio Shack EC-4007. Does calculations for mean values, variances, standard deviations and more. 12.1 x 2.6 x 0.9cm. With batteries.

65-976 24.95



Low-Priced Scientific

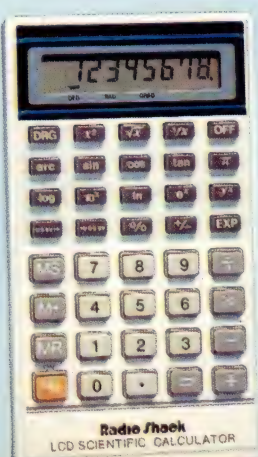
NEW FOR '84

18⁹⁵

- 40 Function Keys
- 5-Digit Mantissa

Radio Shack EC-4008. Independent memory, automatic constant, degree/radian/grad switch. 11.1 x 6.3 x 0.6cm. With batteries.

65-977 18.95



Calculator Desk Stand

2⁹⁹



- Adjustable Angle
 - Non-Slip Feet
- Adapts handheld calculators to desktop use. 65-705 2.99

THE BEST IN DESKTOP AND PRINTING CALCULATORS

10-Digit Impact Printing Calculator With 4-Key Memory

NEW LOW PRICE

119⁹⁵

Was
\$129.95
in 1983
Catalogue

Ink Roller Printer
System Uses Standard Paper

Radio Shack EC-3007. The convenience of an easy-to-read fluorescent display plus a permanent printed record. Decimal point placement, round-off and non-print controls. Features percent, gross profit margin and standard math keys. 5.7 x 19.1 x 23.5cm. Includes sample roll of paper. AC operation.

65-664 119.95

Hand-Held 10-Digit LCD Printing Calculator

**NEW
FOR '84**

49⁹⁵



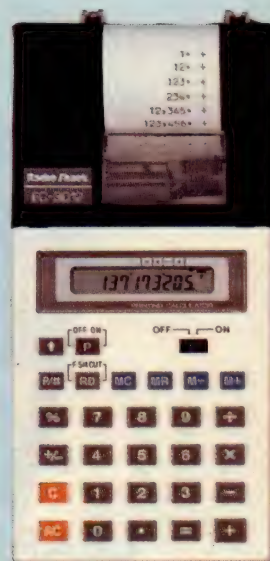
Take It Along

High-Speed Impact
Printing on Standard Paper

Radio Shack EC-3012. Get a printed record anywhere! Print/non-print selectable. 19.7 x 7.6 x 4.4cm. Includes sample roll of paper. Requires four "AA" batteries. **65-951 49.95**

AC Adapter.

14-9521 9.95



12-Digit Desktop LCD With Dual Memories

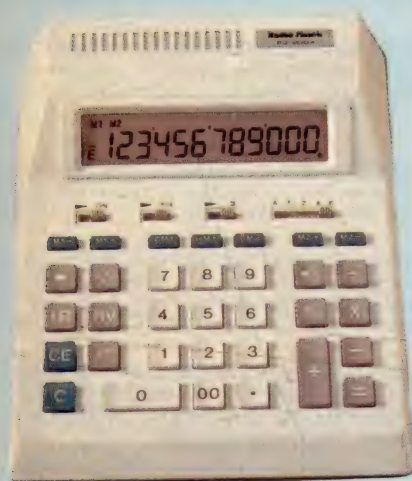
**NEW
FOR '84**

49⁹⁵

Shift Key for Easy
Error Corrections

Radio Shack EC-2005. With round-off, item count, square root, percent-of-change keys. 5.1 x 15.8 x 19.6. Requires two "AA" batteries.

65-667 49.95



10-Digit Fluorescent Desktop

39⁹⁵

Gross Profit
Margin and
Percent-of-
Change Keys

Radio Shack EC-2001. Fixed or floating decimal, switchable constant, item keys. Requires two "D" batteries. 4.7 x 15.2 x 16.5cm.

65-660 39.95

AC Adapter. 14-9521 9.95



Thermal Paper

For continued support of early model RS printing calculators.

Type	Fits	Cat. No.	Rolls	Price
5.7cm w/core	65-643			
	65-644			
	65-645	65-706	3	4.99
3.8cm w/core	65-647	65-708	3	2.29
3.8cm coreless	65-649	65-709	3	2.29
3.8cm coreless	65-665	65-711	5	3.29

Plain Paper

This low lint, register bond paper is designed to give you clear, sharp, printing. Keeps your printing mechanism clean, too. For use with Radio Shack, as well as other printing calculators.

Size	Fits	Cat. No.	Rolls	Price
5.7cm	65-664	65-710	3	4.99
	65-669			
3.8cm w/core	65-666	65-712	3	1.99
3.8cm coreless	65-951	65-713	3	1.49

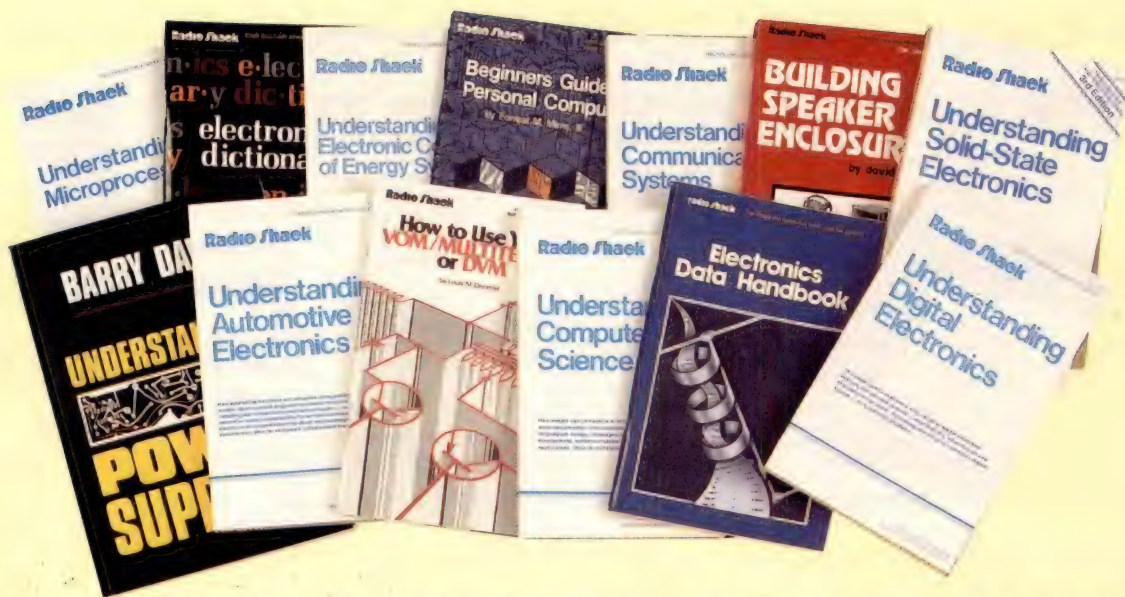
Budget-Priced Desktop With 8-Digit LCD

24⁹⁵

- Full Floating Decimal
- Percent, Square Root

Radio Shack EC-2003. 12.1 x 12.1 x 3.8cm. Requires two "AA" batteries. **65-662 . . . 24.95**





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PC-2 Combines Portability With Low Price for the User On the Go!

319⁹⁵

- Measures Only 2.7 x 19.5 x 8.6cm
- Weighs Just 397g
- Programs in Easy-to-Learn Extended BASIC Language
- 7 x 156 Dot-Matrix LCD for Graphics and Alphanumerics
- 2640-Character Memory Retains Data When Power Off

TRS-80 Pocket Computer Model PC-2. A versatile, portable computer! It puts powerful features into the hands of engineers, business people, students, scientists—anyone with problems to solve on-the-go. Ready-to-run software loads from audio cassettes, or program it yourself. Our Extended Pocket BASIC language features 42 statements, with 34 built-in functions. It gives you two-dimension arrays, variable length character strings with extensive string handling, formatted printing and more. And it's upward compatible with Radio Shack's original Pocket BASIC, so many PC-1 programs can be keyed-in and run on the PC-2. The 2640-byte memory retains programs and

data even with power off. And you can expand the memory capacity with a plug-in 4K or 8K RAM Module. The 26-character Liquid Crystal Display is fully dot-programmable for graphics over its complete 7 x 156 dot matrix. The 65-key keyboard features a typewriter layout and 10-key datapad with 18 programmable key functions and 18 user-defined label keys. The built-in real-time clock is accessible from BASIC or the keyboard and provides month, day, hour, minute and second. There's even a programmable variable tone beeper. Requires four "AA" batteries.

26-3601 319.95

Take It Anywhere You Need
On-the-Spot Data Printing



Fit Your PC-2 With Our Superior Four-Color
Printer/Plotter/Dual Cassette Interface

279⁹⁵

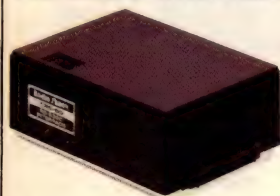
- Create Full XY-Axis Graphics With Special BASIC Statements for Drawing and Plotting
- Prints Graphics and Alphanumerics in Four Colors—Red, Blue, Green and Black
- Store and Load Programs and Data Using One or Two Cassette Recorders
- Adds 25 Commands and Statements to PC-2 BASIC

PC-2 Printer/Plotter/Dual Cassette Interface. This superior accessory turns your PC-2 into a powerful, completely portable computer system. You can take it with you wherever you go—on business trips, to meetings, out in the field—anywhere! You can plot superbly detailed 256 x 4096 XY four-color graphics, and print upper and lower case characters in nine different sizes using easily replaceable ballpoint mini-pens. The printer adds 25 commands

and statements to Extended Pocket BASIC to make plotting quick and easy. Dual cassette operation allows data to be read in from one cassette, updated and stored on a second cassette automatically. Features built-in self-test and rechargeable batteries that also power the PC-2. Includes AC adapter/charger, paper, pens, cassette cables and manual.

26-3605 279.95

RS-232C Interface for the PC-2



**NEW
FOR 84**
299⁹⁵

Plugs Into
PC-2 or Printer

Allows the PC-2 to use most RS-232 devices. Built-in communications program lets you access information networks. Includes built-in rechargeable batteries and adapter/charger.

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NEW! Getting Started on the PC-2. Easy-to-read tutorial manual covers commands and programming tips. 26-3620		13.95
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See Your Nearest Participating Tandy Outlet for the Latest Software Releases

START COMPUTING WITH THE EXPANDABLE AND AFFORDABLE 16K TRS-80® MODEL 4



Expansion covers simulate disk drives.

**NEW
FOR '84**

Cassette-Based
Model 4

1799⁰⁰

- Self-Contained Desktop Unit In a New White Cabinet
- Huge Library of Ready-to-Run Software Available
- High-Resolution 30.5cm Green Phosphor Monitor
- Displays 16 Lines of 64 Upper and Lower Case Characters
- 70-Key Keyboard with Numeric Keypad
- Contains Powerful Model III BASIC Language
- Printer Interface • Expands Easily as Needs Grow

16K TRS-80 Model 4. The affordable personal computer that's ideal for beginners—it's easy to use and hard to outgrow! This new TRS-80 features 16,000 characters of internal memory, a typewriter-style keyboard, and a 12-key datapad for fast numerical entry. Displays 32 or 64 upper and lower case characters per line, and includes automatic scrolling, a screen print command, repeating keys, a real time clock, and printer interface. Model III BASIC, contained in ROM, gives you superior programming features. There's 16-digit accuracy, multi-dimension arrays, a program line editor, definable cursor, comprehensive string handling, 255-character program lines and string variables, automatic line numbering, machine language user calls, scroll protect, 23 specific error codes and even a special graphics character set. Save your own programs and data on cassettes with an optional recorder (below). Use our ready-to-run software to set up a household

budget, computerize your club's mailing list, teach your kids, play exciting computer games, and much more! Model 4 can analyze statistics and even become an incredibly low-cost word processor. There are also languages and utility programs for both the beginning and advanced programmer. The possibilities are almost limitless! And as your computing needs grow, Model 4 can keep pace. This cassette-based system expands easily to 48K or even into a full-powered 64K disk-based system to take advantage of all the new Model 4 disk features described on page 136. Just add internally a 64K RAM kit and Model 4 Disk Drive 0 (below). You can also add accessories like a printer, plotter, digitizer, telephone interface and external floppy disk or hard disk drives. Includes easy-to-use 340-page beginner's manual to get you started in programming.

26-1067 1799.00

TRS-80 Model 4 Expands to Meet Your Growing Computing Needs

Computer Recorder



89⁹⁵

Designed for
The TRS-80

Ideal for loading and recording programs and data on cassettes. Includes cable. AC operation or 4 "C" batteries (not included).

26-1208 89.95

Expansion Options

64K RAM Kit. Expands internal memory from 16K to 64K. Also upgrades 64K to 128K.

26-1122 199.95

Model 4 Upgrade Kit. Converts Model III disk system to Model 4. 26-1123 1299.00

Model 4 Disk Drive 0. Converts Model 4 cassette to Model 4 disk system. 26-1127 1149.00

16K RAM Kit. Model III only. 26-1102 ... 59.95

Model 4 Disk Drive 1. Adds another 184K of internal disk storage. 26-1163 599.00

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Computer upgrade kit prices do not include required installation charges.



External Disk Drives

Disk Drive Kit 3. 26-1164 699.00

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QUALITY CASSETTE SOFTWARE FOR MODEL 4/III/I



Business

SCRIPSIT® Word Processing. Cassette version of our popular word processing program! Compose and edit text on the video display, then print correction-free documents with optional printer. Save text on cassette for later use. Features include centering, headers, footers and more! Lets you find or replace specified words, too. **26-1505 59.95**

Cassette Mailing List. No more searching through address books! Now you can keep an updatable file of

names and print labels (with optional printer). Print entire list, or selectively by Zip Code, company name or other criteria. 80 names per data file with 16K. 250 names with 32K. **26-1503 39.95**

Budget Management. A terrific, low-cost way to keep up with and control your home budget. It's versatile and easy to use. Records up to 60 budgeted accounts with 25 cash expenses, plus 20 savings transactions and 50 checks per month. Prints various reports using an optional printer. Cassette and Disk. **26-1603 39.95**

Advanced Statistical Analysis. Ideal for business, education, administration. Programs include random sample, descriptive statistics, histogram, frequency distribution, analysis of variance, and much more. Cassette and Disk. **26-1705 79.95**

PROGRAM REQUIREMENTS: All programs will run on Model I, III or 4 unless otherwise noted. Disk = 32K 2-Disk.

Entertainment

Microchess. It's you vs. the computer in the classic game of strategy. **26-1901 39.95**

Flying Saucers. It's 1999 and the sky is darkened with spy saucers. Be a hero and shoot them down with your laser cannon!

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Gammon Gambler™. **26-1916 39.95**

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Programming

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Series I Editor/Assembler. For assembly language programming. **26-2011 59.95**

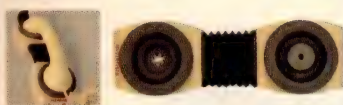
Model III BASIC Tape Instruction Course. Introduction to BASIC programming. Eight lessons. Model III/4 only. **26-2015 49.95**

Tiny Pascal. Introduction to this structured programming language. Model III/4 only. **26-2020 49.95**

Cross Reference Utility. For building a cross reference table for any BASIC program. **26-2008 19.95**

Use Only Genuine TRS-80 Computer Accessories and Furniture

TRS-80 Acoustic Coupler/Modem



429⁰⁰

Your telephone can now bring vast quantities of computer-stored information across the world and right into your office or home! The TRS-80 Acoustic Coupler doesn't only receive, it can also 'converse'. Simply place your handset into the Acoustic Coupler whilst the coupler is plugged into your TRS-80. Tandy's unique flexible coupling gives physical compatibility with most modern handsets. It can be powered from either your TRS-80 or by a plug pack common to most calculators.

TRS-80 Acoustic Coupler/Modem puts the knowledge of the world at the end of your phone! **26-9402 429.00**



Dust Covers

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Model 12/16	26-526	15.95
Model III/4	26-506	13.95
Color Computer	26-3006	8.95

Peripherals	Cat. No.	Price
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External Disk Drives	26-502	12.95

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LP VIII	26-514	5.95
DMP-200	26-522	7.95
DMP-400/LP VI	26-507	9.95
DMP-500/LP III/LP V	26-505	12.95
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DWP-410	26-520	7.95
DWP-210	26-527	7.95
CGP-115	26-518	6.95
TP-10	26-531	8.95

Model 4/III System Desk and Printer Stand



169⁹⁵

Provides Sturdy Support for System

Model 4/III System Desk. Spacious and attractive—perfect for office use. Easy assembly. 68.6 x 122 x 68.6cm
26-1305 349.95

Printer Stand. Matches system desk. Slotted top for bottom-feed printers. Easy assembly. 68.6 x 59.7 x 48.3cm
26-1308 169.95

Space-Saving Computer Table

A perfect "beginner's" desk for anyone just getting started. Lots of versatility at a low price! Small enough to let you set up your system nearly anywhere, but large enough for the TRS-80 Color Computer or even the Model 4. Easy to assemble. 68.6 x 122 x 61cm
26-1324 169.95



169⁹⁵
Ideal for Home Or School Use



DISK-BASED MODEL 4 AT A PRICE YOU'D NEVER EXPECT

64K
2 Disk

3299⁰⁰

64K
1 Disk

2799⁰⁰

TRS-80 Model 4 Disk System. Compare the price and the standard features of this all new Model 4 to any other computer in its class. You'll find that for power, versatility and convenience, it is a true breakthrough!

Amazing Versatility. The Model 4 can run all TRS-80 Model III TRSDOS® programs (in Model III mode) without change, as well as LDOS™ and CP/M Plus® programs. This means that Model III owners can upgrade to a Model 4 without making their present software obsolete, and have at their disposal thousands of different applications. Because of its 64K memory and 80 x 24 display, you'll find Model 4 perfect for business applications—like forecasting and analysis, word processing and more (see below).

Advanced Features. There's "MemDisk", which lets you use extra memory as a super-fast disk drive. The result? Keystroke-quick responses instead of time-consuming disk access. A software print spooler lets you print out a job at the same time you're using Model 4 for other tasks. The Job Control Language allows you to set up a whole series of operations for your Model 4 to perform without supervision. There's even an advanced host/terminal program.

Easy Expansion. Internal memory is expandable to 128K. For large applications, add up to four drives or choose our 5Mb Hard Disk System (at right). Comes with Microsoft® Disk BASIC and TRSDOS 6.0 operating system, owner's manual, reference card, comprehensive programming manual, and an introduction to your computer that gets you started immediately. 31.8 x 47.9 x 54.6cm

64K 2-Disk. 26-1069	.....	3299.00
64K 1-Disk. 26-1068	.....	2799.00

VisiCalc/Registered TM VisiCorp. Microsoft/Registered TM Microsoft Corp.
LDOS/TM Logical Systems, Inc. CP/M Plus/TM Digital Research, Inc.

**NEW
FOR '84**

Look at These Model 4 Disk Features:

- **New Styling**—White Cabinet, New Keyboard With CONTROL, CAPS, and 3 Function Keys
- **Full 80-Column by 24-Line Green Phosphor Display** for Word Processing and Large Spreadsheets
- **64,000-Character Memory** is Expandable to 128,000 Characters and Can Be Used As a Super Fast RAM-Based "Disk Drive"
- **New High-Speed (4 MHz)** Gives Maximum Efficiency in a Personal Desktop Computer
- **Runs Thousands of Model III TRSDOS®, LDOS™ and CP/M Plus® Programs**
- **Features All New Microsoft® BASIC and TRSDOS 6.0**
- **Job Control Language With Sound Alerts**
- **Built-In Print Spooler and Parallel Printer Port**
- **One or Two Double-Density Drives—184K Each**

Disk Software for Model 4—Especially for Busy Managers

Word Processing Programs

SuperSCRIPSIT. I/III/4 (C) This powerful word processing program lets you prepare memos, letters and reports, then print as many correction-free originals as you need with an optional printer. Depending upon your choice of printer, SuperSCRIPSIT supports proportional-spaced printing, multiple line spacing (including half-space), underline, double underline, boldface, super and subscript and multiple columns. It also includes a "help" facility. Ten user-defined keys—each storing up to 127 pre-defined keystrokes—can be used to recall frequently used words, phrases or commands. Model 4 owners can use the full 80 x 24 screen display and reverse video to aid in editing text. (Model 4 version available 10/30/83). Includes training manual and audio cassette course with reference manual and card.

26-1590 299.95

Data Base Management

Profile® III Plus. III (D) Our most versatile electronic filing program allows you to create your own personalized data base to store and retrieve virtually any type of information. Stores up to 700 records of 255 characters in length on a 2-disk database, 2100 with 4 disks. Create 99 fields per record. High speed access using up to 36 fields as search criteria. A math package performs arithmetic operations and updates other fields. Tailor five data entry screens to match your needs. Prints custom reports and mailing labels. Merges with VisiCalc® (26-1569) and SuperSCRIPSIT. Operates only in Model III mode. **26-1592 299.95**

NEW! Hard Disk Version. III (C)
26-1593 349.95

Forecasting and Analysis

NEW! Model 4 Enhanced VisiCalc. 4 (E) This versatile management and engineering planning tool can now display more of your worksheet on Model 4's 80 x 24 screen. A Model 4 can handle even larger worksheets, too, using its full 128K memory. You define the formulas, enter the figures and VisiCalc performs all calculations automatically. Change any value or formula, and VisiCalc instantly updates every related number! You can view countless "what if . . ." situations in seconds. Entry editor modifies formulas and labels without re-entering them. Logical and comparison operators perform testing and branching. Optional printer allows printing of any portion of your worksheet. **26-1520 .. 299.95**

Enhanced VisiCalc. III (C)
26-1569 269.95

MORE EXCITING OPTIONS FOR MODEL 4/III/I

New Low Price! 5-Megabyte Hard Disk



Primary Drive

3995⁰⁰

Secondary Drive

3595⁰⁰

High-speed access to 5 million characters (20 megabytes with three additional units). Compatible with Model 4/III/I software.

Primary Drive. I/III/4 (A) Includes Hard Disk Operating System with BASIC and manual. 26-1130 **3995.00**

Secondary Drive. I/III/4 (A) 26-1131 **3595.00**

Model I Adapter Kit. Requires Expansion Interface, 32K memory, Disk BASIC. May require installation (not incl.). 26-1132 .. **69.95**



Add Superb High-Resolution Graphics

Low As **429⁹⁵**

- For Business, Engineering And Entertainment
- Simple Graphics BASIC
- Draw Lines • Fill Spaces

NEW! Model 4 High-Resolution Graphics. 4 (E) Turns your display into a "sketch pad" to create sophisticated business tables, charts, maps, graphs, illustrations, geometric patterns and animation! The 153,600-pixel display allows amazingly fine detail, and the Graphics BASIC command structure is a snap for anyone. Includes manual and diskette with subroutine library.

26-1126. Available Nov. '83. **429.95***

High-Resolution Graphics. III (C) 26-1125 **599.95***

* Requires installation, not included.

A Variety of Quality Programs Available To Meet Your Software Needs

Business, Accounting and Inventory

General Ledger I. I/III (D) For small business with up to 100 accounts. 240 entries per session, up to 1830 per month. 26-1552 **149.95**

Accounts Payable I/III (D) Prints register, cash flow analysis, activity summary. Holds 75 vendors with 1000 transactions or 200 vendors with 800 transactions per month. 26-1554 **229.95**

Accounts Receivable I/III (D) Monthly statements, activity analysis, automatic totals for your company's General Ledger. Access to accounts for updating/deleting/printing. Holds 300 customers with 1000 transactions or 100 customers with 2000 transactions per month. 26-1555 **229.95**

Inventory Control I. I/III (B) 26-1553 **149.95**

Manufacturing Inventory Control. I/III (B) 26-1559 **299.95**

Business Mailing List. I/III (B) 26-1558 **149.95**

More Software to Streamline Your Work

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Time Manager™. III (D) 26-1582 **149.95**

Project Manager™. III (D) 26-1580 **149.95**

Personnel Manager™. III (D) 26-1581 **149.95**

VisiCalc Business Forecasting Model™. III (C) 26-1521 **149.95**

Minimum Hardware Requirements for Disk Programs

III = Model III

I/III = Model I or III

I/III/4 = Model I, III or 4

4 = Model 4 only

(A) 32K 1-Disk (C) 48K 1-Disk

(B) 32K 2-Disk (D) 48K 2-Disk

(E) 64K 1-Disk

Operating Systems and Programming Languages

NEW! CP/M Plus®. 4 (E) CP/M 2.2 compatible. 26-2216 **199.95**

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Editor/Assembler. I/III (A) 26-2013 **69.95**

NEW! LDOS™. III An advanced operating system. 26-2214 **179.95**

Model III TRSDOS 1.3 Replacement Diskette. Includes BASIC. 26-312 **19.95**

NEW! TRSDOS 6.0 Replacement Diskette. For Model 4. Includes Microsoft® BASIC. 26-313 **19.95**

Fascinating and Challenging Disk Games

ZORK I. Further thrill-packed adventures in fantasy land. 26-1950 **69.95**

ZORK™. III (A) Find treasures in this mind-boggling adventure game. 26-1951 **69.95**

Xenos. I/III (A) Seek and destroy whatever has wreaked havoc on the town! 26-1955 **49.95**



PFS/Registered TM Software Publishing Corp. Time, Project, Personnel Manager/TM Image Producers. VisiCalc Business Forecasting Model/TM VisiCorp. STOCKPAK/TM Standard & Poor's, Inc. Micro/Counter/Registered TM Micro Comm. Inc. CBASIC, CP/M, CP/M Plus/TM Digital Research. LDOS/TM Logical Systems, Inc. ZORK/TM Infocom, Inc. Monty/TM Ritam Corp. Monopoly/Registered TM Parker Brothers, Inc. Scrabble/Registered TM Selchow & Richter Co.

COMPLETE YOUR TRS-80 SYSTEM WITH A PRINTER

Fully-Addressable Dot-Matrix Printer

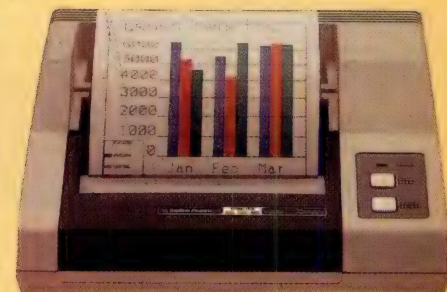


499⁰⁰

Bit-Image Mode
Allows Printing
of High-Density
Graphics

DMP-100. This low-cost printer gives you black and white graphics printouts of Color Computer screen displays. Prints 7 x 5 dot-matrix upper and lower case characters on a 20.3cm line, with underline capability. Print 50 characters per second at 10 characters per inch (80 columns at 27 lines per minute), or select expanded at 5 cpi (40 columns). Adjustable tractor, 11.4 to 24.1cm. Uses up to 24.1cm fanfold paper. With 480-byte full-line dot buffer. Selectable parallel and Color Computer-compatible serial interfaces (600/1200 baud). Includes ribbon cartridge. **26-1253 499.00**

Color Graphics Printer



349⁹⁵

- Ultra-Compact
- Uses Easily Replaceable Ink Cartridges

CGP-115. Create beautiful graphics in red, green, blue and black, plus print alphanumerics. Built-in commands make it easy. Text mode prints 40 or 80 characters per line at 12 characters/sec. 7.5 x 21 x 21.6cm.

26-1192 349.95
Black Pens. 26-1480 Set of 3/4.95
Colored Pens. One red, green and blue. 26-1481 Set of 3/4.95
Roll Paper. 11.4cm wide. 26-1428 Pkg. of 3/12.95

Versatile 24.1cm Dot-Matrix Printer



DMP-200

899⁰⁰

DMP-200. Word processing, bit-image graphics and data processing modes! Bi-directional, logic-seeking head prints 10, 12 or 16.7 cpi; 120 cps at 10 cpi. Adjustable tractor. Parallel and Color Computer-compatible serial interfaces. **26-1254 899.00**

Low-Cost "Letter-Quality" Printer



NEW
FOR '84

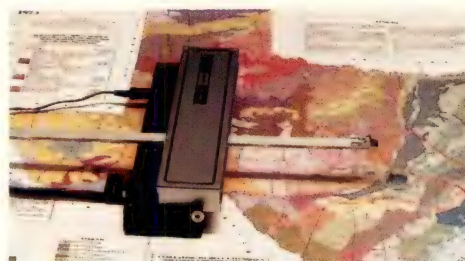
1299⁰⁰

Interchangeable
100-Character
Print Wheels

DWP-210. For that "professional look"! Select 10 or 12 characters per inch, or proportional pitch. Prints over 200 words per minute (18 cps) at 10 cpi. Prints original, plus two copies. With 1/120" space and 1/48" line feed. Ribbon End, Cover Open and Paper Empty sensing. Includes carbon ribbon and Courier 10 print wheel. **26-1257 1299.00**
DWP-210 Courier Print Wheel. 10 pitch. 26-1467 14.95
DWP-210 Elite Print Wheel. 12 pitch. 26-1468 14.95
DWP-210 Venezia PS Print Wheel. 26-1469 14.95
DWP-210 Bi-Directional Tractor Feed. 26-1443 199.95

Input Precise Data Coordinates

Ideal for Engineering, Architectural Work, Map and Photo Interpretation, and Much More.



699⁰⁰

Works with any TRS-80
with RS-232C Serial Port

TRS-80 Digitizer. Input x/y coordinates from a drawing, map, chart, even photo to your TRS-80. Use this data to calculate length, perimeter, area, volume, and more. 27.9 x 43.2cm active area. Includes software listings for basic set-up and use. **26-1195 699.00**

SPECIFICATIONS. Resolution: 100 lines per in. Accurach: 0.005". Repeatability: ± 2 LSD. Operation: Point or continuous mode. Dimensions: 5.7 x 39.4 x 10.8cm. Power: 240VAC, 50 Hz.

TRS-80 Color Computer Graphics Tablet

549⁰⁰ Plugs Into
Program Pak™
Slot

GT-116 "X-PAD". Instant graphics at the touch of a pen! Use pen for drawing or stylus for tracing—X-PAD reads the design into your Color Computer. Directly compatible with computer graphics capability. Accesses Extended BASIC graphic commands. Writing area: 17.8 x 22.9cm. Menu area: 20.3 x 25.4cm. Form size: 21.6 x 33.0cm. Software included provides interactive menu for all drawing routines, plus user-defined menu functions. **26-1196 549.00**



Color Computer 2
requires Multi-Pak Interface

INSIST ON TRS-80 ACCESSORIES AND SUPPLIES

Make the Right Connection With Tandy Cables



Standard Parallel Printer Cables

For Model I/III/4, 1.8m 26-1401 59.95
For Model II/12/16/ 3.6m 26-1323 69.95

Cassette Recorder Cable

Model I/III/4/Color Computer. 26-1207 8.95

Color Computer Serial Interface Cables

To Printers and Modems. 26-3020 6.95
To Quick Printer II. Also for Model I special serial interface. 26-3009 6.95
To RS-232C Ports. 26-3014 24.95

New! Model 100 Cable

Parallel Printer. 26-1409 24.95

RS-232C Serial Interface Cables

For Model III/4/12/ 1.5m ribbon. 26-1408 39.95
For Model II/16, 1.5m round cable with terminator. 26-4403 79.95
For Model III/4, 20cm extender. Allows use of round RS-232C cables. 26-1497 39.95
RS-232C Cable Connector. 26-1495 49.95
Null Modem Adapter. 26-1496 49.95
Extended Lengths With DB25 Connectors
3m 26-1490 49.95
7.6m 26-1491 59.95
15.2m 26-1492 74.95
30.4m 26-1493 109.95

Diskette Head Cleaning Kits



Improves operating reliability. Two reusable cleaning disks, one bottle cleaning solution.

13.3cm Drive Kit. 26-407 39.95
20.5cm Drive Kit. 26-4909 39.95

Screen Cleaner



Reduce eye strain. With 50 pre-wet wipes and lint-free cloth. 26-1318, 12.95

Anti-Static Spray

Use on carpet, etc. to eliminate destructive static. 26-515, 12.95



TRS-80 Computer Tapes and Diskettes—Certified for Excellence

Certified TRS-80 Diskettes

Our diskettes are made to the most rigid standards in the industry. They's double-coated with an advanced ferric oxide blend that produces maximum lubrication and resistance to diffusion. Certified free of defects.

Cassette Tapes



C-20 Certified Cassette Tape. With specially reinforced ends. 26-301 4.95

13.3cm Uniformatted Diskettes. Single-sided, double-density, 40-track, soft-sector.

Single Diskette. 26-305 8.95

Diskette 10-Pack. 26-406 69.95

20.5cm Uniformatted Diskettes. Double-density, 77-track, soft-sector.

Single-Sided.

Diskette 10-Pack. 26-4906 79.95

Double-Sided

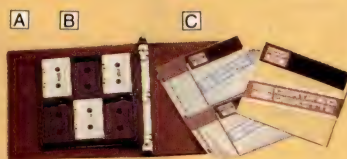
Diskette 10Pack. 26-4960 119.95

13.3cm Diskette Replacement Labels. 26-307 Pkg. of 50/4.95

20.5cm Diskette Replacement Labels. 26-4908 ... Pkg. of 50/4.95



Data Storage Media Last Longer If Properly Protected



Disk and Cassette Binder

A Universal Data Binder. 3-ring binder for cassette holders and diskette envelopes. 26-1310 12.95

Disk Envelopes. Convenient storage.

C 13.3cm. 26-510 Pkg. of 10/13.95

D 20.5cm. 26-4907 Pkg. of 10/15.95



Diskette Storage and File Boxes

Protects up to ten diskettes. Index is always visible.

A 20.5cm Diskette Storage Box. 26-4952 9.95

B 13.3cm Diskette Storage Box. 26-1321 9.95

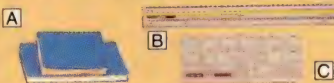
File Boxes each hold 50 diskettes. With index dividers.

C Program Pak File Box. Holds 16 Program Paks or cassette boxes. 26-1314 79.95

D 13.3cm Diskette File Box. 26-1453 59.95

E 20.5cm Diskette File Box. 26-4953 69.95

TRS-80 Programming Aids



A Worksheets. 26-2105 ... 100/6.95

B Ruler. 26-1313 5.95

C Template. 26-1312 6.95

Printer Roll Paper

For TRS-80 printers no longer in stock.

Printer	Paper	Cat. No.	Price
LP I, II, IV, VIII, DMP-200	mm m 21.5x152	26-1402	2/29.95
Quick Printer 26-1153	Electrostatic 12mmx39.6m	26-1405	5/59.95
Quick Printer II 26-1155	Electrostatic 6mmx22m	26-1412	8.95
Plotter/Printer 26-1190	22.8mm x27m	26-1407	14.95

Stock Up on Convenient Fanfold Printer Paper

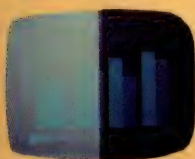
NEW FOR 84



Size (mm)	Design	Quantity	Box	Cat. No.	Price
241 x 279	Blank White	900 Sheets	Tote	26-9316	49.95
241 x 279	Blue H/S	1000 Sheets	Tote	26-9317	39.95
381 x 279	Blue H/S	900 Sheets	Tote	26-9315	29.95

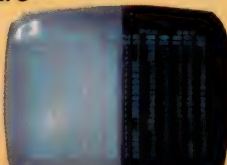
(26-9316 has "invisible" vertical edge perforations)

Reduce TRS-80 Screen Glare



Anti-Glare Panel. Optically-coated glass for Model I/II/III/4/16. 26-1457 59.95

Anti-Glare Mask. Nylon mesh. 26-511 29.95



Data Binders



700-0505. 381mm x 279mm 3.49

Fanfold Mailing Labels



NEW! 1-Wide. Pressure-sensitive Pkg. 4000. 26-1404 49.95

TANDY MAKES PRINTING FAST AND EASY

"Letter Quality" Dot Matrix Printer



2699⁰⁰

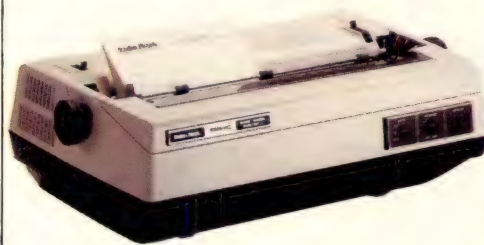
DMP-2100. Delivers high-speed for data processing, high-resolution for dot-addressable graphics, and a word processing mode with print quality that rivals a Daisy Wheel! Prints 32,400 dots per square inch. Change pitch and font within your text without changing printwheels. Prints 160 cps in DP mode, 770 words per minute in WP mode. Measures Just 14.9 x 55.1 x 38.1cm. Available 30/1/84.

**NEW
FOR '84**

26-1256 2699.00

"Letter-Quality" Impact Printer

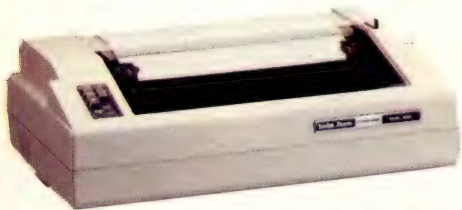
2299⁰⁰



Daisy Wheel II. Our best formed-character printer. Prints over 500 words per minute with that crisp, clean "electric typewriter" look. Interchangeable print wheels and selectable print densities. With Courier 10 print wheel, ribbon. 20.3 x 62.3 x 39.4cm.

26-1158 2299.00

High-Performance Business Printer



1999⁰⁰

DMP-500. Prints a full 132-column line at 78 lines per minute (220 cps). Data processing, word processing and graphics modes. Bi-directional, logic-seeking print head. Removable tractor adjusts from 10.2cm to 38cm. Paper and form-feed controls. 19.5 x 62.5 x 40.3cm.

26-1252 1999.00

Affordable Letter-Perfect Printing

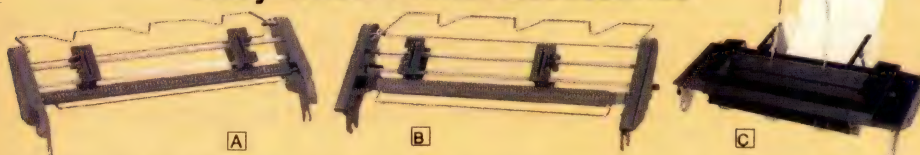


DWP-410. Prints 300 words per minute. Select 10 or 12 characters per inch, or proportional pitch. Forward and reverse line feed, underline and programmable backspace. With Courier 10 print wheel, ribbon. 20.3 x 58.4 x 33.1cm.

26-1250 1799.00

1799⁰⁰

Daisy Wheel Printer Accessories



Just snap into place to use fanfold paper. Keep pin-fed labels, preprinted and multi-part forms in perfect alignment. Bi-directional for accurate printing control. Quick, easy installation and removal.

A Bi-Directional Tractor Feed for the DWP-410. 26-1459 299.95

B Bi-Directional Tractor Feed for the Daisy Wheel II. 26-1447 389.95

C Auto Sheet Feeder for the Daisy Wheel II. 26-1448 1650.00

Interchangeable Print Wheels Let You Print With Style

Printer Wheel	DWP-410	Price	DW-II	Price
A. Courier, 10 pitch	26-1430	49.95	26-1420	39.95
B. Prestige Elite, 12 pitch	26-1431	49.95	26-1421	39.95
C. Madeleine PS	26-1432	49.95	26-1422	39.95
D. Cubic PS	26-1433	49.95	26-1423	39.95
E. Tile Italic, 12 pitch	26-1434	49.95	26-1424	39.95
F. OCR B, 10 pitch	26-1435	59.95	26-1435	49.95
G. Letter Gothic, 12 pitch	26-1436	59.95	26-1436	59.95
H. Cubic 15	26-1438	59.95	26-1438	59.95
I. Bold PS	26-1439	59.95	26-1439	59.95

**NEW
FOR '84**

Versatile "Triple-Mode" Printer

1499⁰⁰



- Low-Profile Styling
- Prints 140 CPS at 10 CPI

DMP-420. New double-wall cover design aids in noise reduction. Prints 132-column line at 51 lines per minute. Features word processing, data processing and dot-addressable graphics modes. Removable factor allows use of 10.2cm to 38cm fanfold paper. Prints original, plus two copies. 16.5 x 34.6 x 65.1cm. Available 30/1/84

26-1267 1499.00

SW-302 Parallel Printer Switch. Connect two printers to one computer, or two computers to one printer. Cables not included. **26-1498 169.95**



Replacement Ribbons				
Printer	Ribbon	Character Life	Catalog No.	Price
LP I, II, IV	Fabric Pack	1 million	26-1410	4/17.95
LP III, V	Fabric Cart.	2 million	26-1414	24.95
LP VI, VIII, DMP-400, 420	Fabric Cart.	1 million	26-1418	19.95
LP VII, DMP-100	Re-inking Fabric Cart.	1 million	26-1424	14.95
DMP-500	Fabric Cart.	4 million	26-1482	24.95
DMP-200, 120	Fabric Cart.	4 million	26-1483	24.95
DMP-200, 500, 120	Refill Pack	4 million	26-1489	3/ 29.95
DMP-2100	Fabric Cart.	2 million	26-1442	24.95
DW II, DWP-410	Carbon Film Cart. Multi-strike	250,000	26-1419	3/ 29.95
DW II, DWP-410	Fabric Cart. Black	1 million	26-1449	19.95
DWP-210	Multi-strike Cart.	300,000	26-1445	3/ 39.95
DWP-210	Fabric Cart.	1 million	26-1458	19.95

TRS-80® —THE WORLD LEADER IN MICROCOMPUTERS

The New Model 12 Computer— Affordable and Expandable



**NEW
FOR '84**

The Perfect
Computer for
Any Size
Business

Low
As **5499⁰⁰**

Our most popular multi-purpose workstation. Ideal for accounting, word processing, planning, electronic filing, mainframe communications, and more. Model 12 features an 80,000-character internal memory, and each built-in disk drive stores 1,250,000 characters. 30.5cm green monitor. Easy internal and external expansion.

1-Disk Model 12. 26-4004	5499.00
2-Disk Model 12. 26-4005	6999.00

8-Megabyte Hard Disk System

5999⁰⁰

Extremely
Fast Access
to Programs And Data

Adds 8 million characters of storage to your Model II, 12 or 16 microcomputer. Winchester technology assures reliable, fast transfer. Uses all current TRSDOS library commands, plus new hard disk utilities. Secondary drives are available. Installation not included.

Primary Drive. 26-4150	5999.00
Secondary Drive. 26-4151	4999.00

Model 16 — Our Fastest, Most Powerful TRS-80 Ever!



The Hub of a
Multi-user
System

Low
As **8499⁰⁰**

Model 16 can become the hub of a multi-user office system! Just add one or two terminals, hard disk and cable, and up to three people can perform different tasks at the same time. Dual processors. 256K internal memory (expandable to 512K), one or two built-in 1.25-million-character 20.3cm disk drives, 30.5cm green monitor, detachable typewriter keyboard.

128K 1-Disk Model 16. 26-6001	8499.00
128K 2-Disk Model 16. 26-6002	9999.00

Deluxe DT-1 Video Data Terminal **1499⁰⁰**

Ideal for Our
Model 16-Series
Multi-User
System



Features convenient configuration selection of four popular standard terminals from the keyboard. Non-volatile memory retains terminal configuration even when power is off. 30.5cm diagonal 80 x 24 display. 26-6050

1499.00

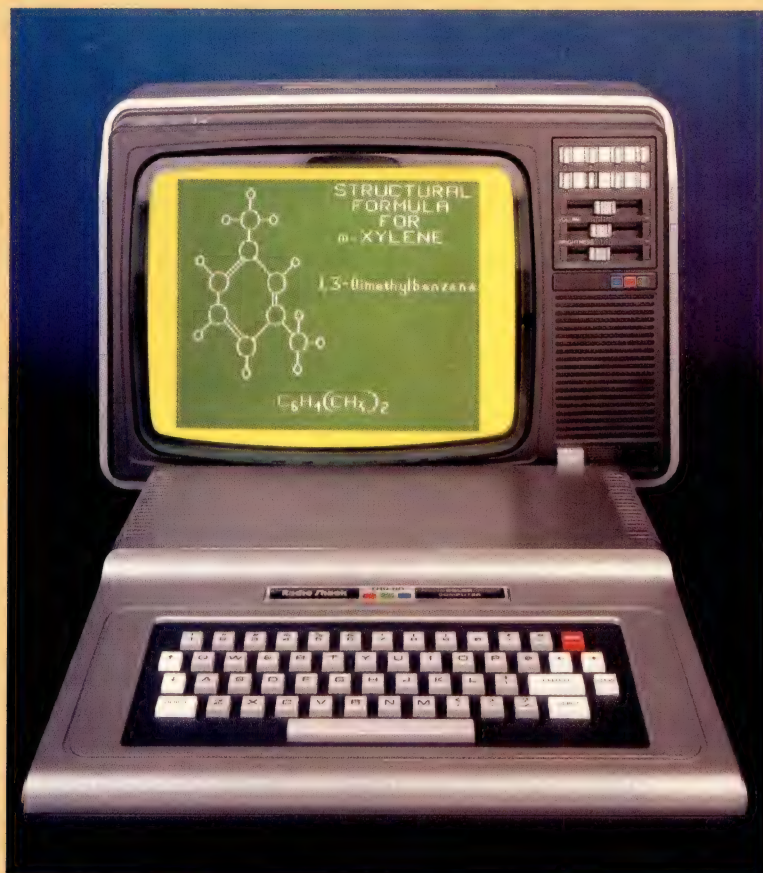
**All-New
1984
TRS-80®
Computer
Catalogue
Available
NOW!**

**Now Available! Come In for Your Free Copy of the New TRS-80
Computer Catalogue.**

Just Ask for Catalogue RSC-9

FREE — Our new full-color, 60-page catalogue includes detailed information on the exciting line of TRS-80 computers, accessories and software. Available now at your nearest Tandy store, Computer Centre or participating dealer. Be sure to get your copy of the most complete computer catalogue available.

TRS-80® COLOR COMPUTERS — BETTER THAN EVER



Our Color Computers Are Ideal for Entertainment, Education and Home Use

16K Standard Color Computer

449⁰⁰ Less TV

NEW LOW PRICE

16K Extended Color Computer

599⁰⁰ Less TV

- Each Model Uses Instant-Loading Program Paks
- Eight Vivid Colors • Exciting Sound Effects

TRS-80 Standard Color Computer. Our most popular family computer at a price that's \$150 less than last year's price! Easily attaches to any TV — then Program Paks let you set up a budget or monitor your investments, and help the kids develop math and reading skills. You can also learn how to program, battle starships, run a maze, play baseball — and lots more. Expand with a cassette recorder, disk drives, a printer or telephone communications. With entertaining 308-page beginner's manual.

26-3004 **449.00**

TRS-80 16K Extended Color Computer. All the features of the Standard Color Computer, plus advanced programming capabilities to make spectacular, high-resolution color graphics with music and sound effects using simple one-line commands. Powerful programming features include PEEK, POKE and USR commands, multi-character variable names (two significant), string arrays up to 255 characters, full-featured editing, tracing and 9-digit accuracy. Includes tutorial manuals on both Standard and Extended BASIC.

Specifications

Microprocessor: 6809E 8-bit processor. **Clock Speed:** 0.894 MHz. **Keyboard:** 53 keys, including up, down, right and left arrows, BREAK and CLEAR. **Video Display:** 16 lines of 32 upper case characters. Color graphics capabilities range from 32x64 (8 colors) to 192x256 (1 color and background color) with 3 intermediate formats. Higher resolutions in the same range are available through machine language. Extended BASIC or Program Paks. Output connects to any standard TV set (75 ohms) and includes video and sound. **Memory:** 16K internal dynamic RAM. Expandable to 32K. Color BASIC is in 8K ROM, 16K ROM with Extended BASIC. **Input/Output:** 1500-baud cassette (recorder optional). Connectors for two 2-dimensional joysticks (optional). RS-232C serial I/O port. **Interrupt Timer:** Accessible from Extended BASIC or machine language only. **Dimensions:** 7.62x26.3x37.4cm. **Power:** 240VAC, 50 Hz, 50W.

Color Computer Upgrade Kits Add More Memory and Better Graphics

16K RAM Upgrade Kit. Converts a 4K Color Computer to 16K. 26-3015 **59.95***

32K RAM Upgrade Kit. Converts a 4K, 16K to 32K. 26-3017 **199.95***

New Low Price! Extended Color BASIC ROM Upgrade Kit. Upgrades a Color Computer for advanced graphics capabilities. Requires a minimum of 16K. Was \$180 in 1983 Catalogue. 26-3018 **150.00***

*Upgrade kit prices do not include required installation.

Color Computer Add Even More

A Color Computer faster, more realistic action. Single-shot button.

26-3008 **Pair/39.95**

B NEW! Color Mouse. For the ultimate cursor control! Adds speed and ease to game-playing and to creating color graphics. Use alone or with a joystick.

26-3025 **69.95**



NEW FOR '84

69⁹⁵

Time-Saving Color Computer Multi-Pak Interface

NEW FOR '84

349⁹⁵

NEW! Multi-Pak Interface. Connect up to four Program Paks to your computer at once! Play repeatedly without changing setup or cartridges! 26-3024 **349.95**



OUR MOST POWERFUL! 32K COLOR COMPUTER

Extend Storage Capacity With Color Disk Drives



1st Drive **699⁰⁰** Additional Drives **499⁰⁰**

Store and quickly access complete programs and large amounts of data! Adds 156,672 characters of storage per disk. Includes cable with plug-in Program Pak, blank 5 1/4" diskette and manual. Requires Extended BASIC.

Color Disk #1, 2 or 3. Requires Disk #0.
26-3023499.00
Color Disk #0 Kit. 26-3029699.00

The Heart of a Sophisticated, Disk-Based Color Graphics System

32K Extended BASIC TRS-80 Color Computer

NEW LOW PRICE

799⁰⁰ Less TV

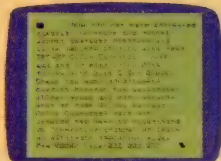
Was \$1099 in 1983 Cat.



32K Extended BASIC Color Computer. Now double your programming power with this low-cost, professional computer. Loaded with features for the serious programmer. Add our new Color Disk Kit (at left). Or access 32K of memory using the powerful, built-in Extended BASIC language. Easy-to-use one-line commands make detailed color graphics incredibly simple. Create drawings, business charts, engineering diagrams, even animation. With Standard and Extended BASIC manuals. 26-3003799.00

Add These Color Computer Disk Programs for Problem-Solving or Fun

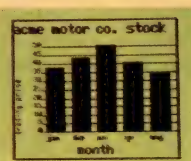
Disk Color SCRIP-SIT™. Word processing. Displays upper/lower case.
26-325579.95



New! OS-9 with Editor/Assembler. Disk operating system for the Color Computer. Comprehensive system that supports multi-tasking. Includes full-featured Editor/Assembler for creating assembly language programs. With documentation, reference manual and 13.3cm diskette. Requires 64K.
26-303099.95

NEW! BASIC-09. Enhanced, extremely efficient language for the Color Computer. Interactive compiler produces compact programs that can be executed at high speed. Includes Command, Edit, Execution and Debug modes. Requires OS-9 operating system (above). Requires 64K. 26-3036149.95

NEW! Disk Graphics Pack. Easily create and plot a variety of charts and graphs. Includes key "legend".
26-325179.95



NEW! Color Profile. Versatile electronic filing program that lets you store and recall information in seconds! Define up to four primary and four secondary search keys. Create up to 256 data fields. With convenient reallocate facility for easy insertion of new data. 26-325379.95

NEW! Color Disk Editor/Assembler. Get the speed and efficiency of machine language programming. For developing 6809 software or subroutines. Save and load editor files to and from diskette. A time-saving INCLUDE facility allows source code from disk files to be included in assemblies.
26-325479.95

Sands of Egypt. Adventure game with great animated color graphics. Escape with the ancient treasure.
26-329049.95



Disk Color Spectaculator. Performs electronic spreadsheet calculations. Includes column totalling and grand total.
26-325679.95

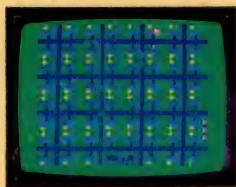
Disk Personafile. Handy filing program for fast access to household records and information. Up to 540 records, with up to 250 subjects. 26-326079.95

NEW! Cash Budget Management. Keep a budget and track cash flow. Based on cash transactions—enter income and expenses. Use with checking, petty cash and savings accounts. 26-326179.95

COLOR COMPUTER GAMES FOR THE FUN OF IT

Experience the Excitement and Challenge of These Great Games!

Poltergeist. Based on the hit Steven Spielberg movie! You must find and rescue Carol Anne.
26-3073\$59.95



Mega-Bug.* A rapid-action maze of fun! Try to confuse and lose your many chasers by leaving false trails.

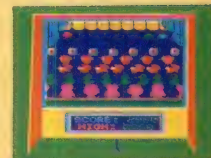
26-3076 39.95



Shooting Gallery.*

Hit the moving targets for points in this whimsical carnival atmosphere of flashing lights and music. Watch out—you'll find lots of surprises!

26-3088 39.95



© 1982 Metro-Goldwyn-Mayer Film Co. and SLM Entertainment, Ltd.

Great Action for the Whole Family!

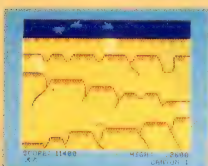
Space Assault.* Destroys aliens before they destroy you!
26-3060 39.95

Project Nebula.* Cosmic "dog fights" as you seek out and battle enemy vessels. Four skill modes. **26-3063 49.95**

Polaris.* Use your fleet of submarines to defend islands.
26-3065 39.95

Galactic Attack.* Destroy Dive-bombing enemy spaceships.
26-3066 39.95

NEW! Canyon Climber.* Three levels of hazardous fun! While ascending cliffs, you must avoid unfriendly goats, deadly arrows and objects falling from the sky. **26-3089 49.95**



NEW! Gomoku and Renju. Ancient oriental games of strategy. **26-3069 39.95**

Wildcatting. Strategy game in the oil fields!
26-3067 39.95

Roman Checkers. Classic game of strategic placement. **26-3071 39.95**

Color Cubes. Play that maddening cube puzzle on your computer! Undo and redo up to 255 moves. **26-3075 39.95**

Castle Guard.* Defend your castle from the giant fireball using Merlin's magical pikes! Great color graphics. **26-3079 39.95**

Microbes. Use your "disinfectant" to shoot antibiotics at nasty bacteria. 15 levels of difficulty. **26-3085 39.95**

Clowns and Balloons.* Bounce a "monkey-suited" clown high enough off the net to pop balloons above! **26-3087 49.95**

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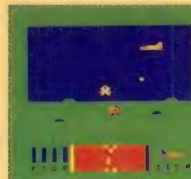
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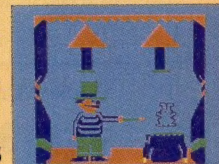
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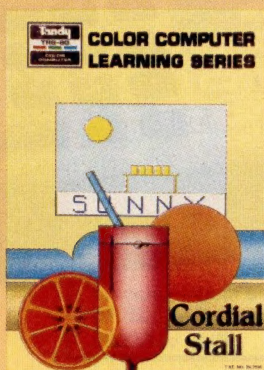
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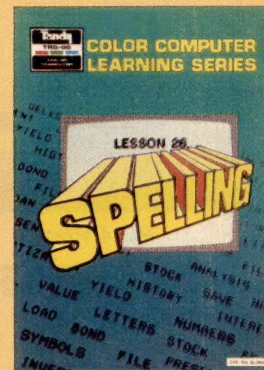
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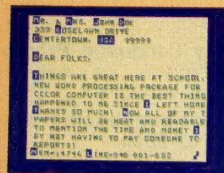
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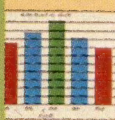
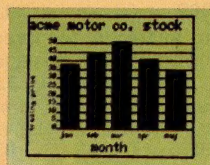
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